NEW MEXICO
SELECTED HEALTH STATISTICS
1989 ANNUAL REPORT

Unquestionable Beauty

S5605-1-UC

©Roy D. McKeag

State of New Mexico DEPARTMENT OF HEALTH

NEW MEXICO DEPARTMENT OF HEALTH , PUBLIC HEALTH DIVISION
OFFICE OF VITAL RECORDS AND HEALTH STATISTICS

STATE OF NEW MEXICO

1912

BRUCE KING

GOVERNOR

NEW MEXICO
DEPARTMENT OF HEALTH

MICHAEL J. BURKHART
Secretary
Department of Health

LINDA KEHOE
Deputy Secretary
Department of Health

PAT CLEAVELAND
Director
Public Health Division

WALT YOUNGBLOOD
Deputy Director
Public Health Division

BETTY L. HILEMAN
State Registrar / State Director
Office of Vital Records & Health Statistics

ANTHONY A. ORTIZ
Statistical Research Director

State of
New Mexico
DEPARTMENT OF HEALTH

Cover Photograph
Courtesy of:
Roy D. McKeag
Santa Fe, New Mexico

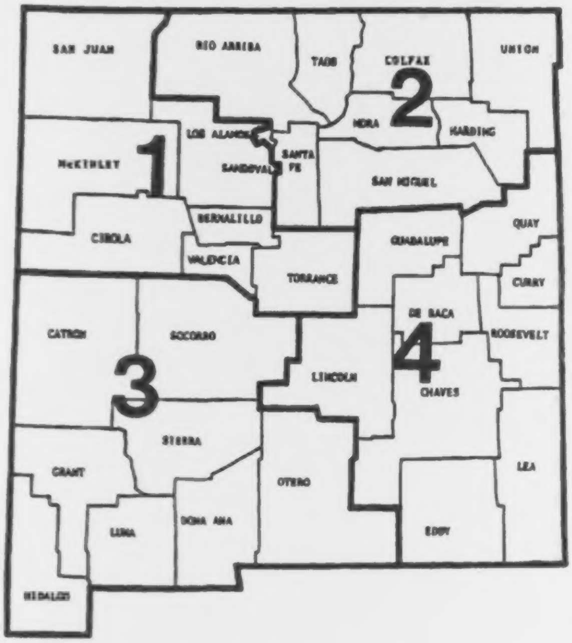
PUBLISHED MAY 1991

SELECTED HEALTH STATISTICS
NEW MEXICO 1989

This report of New Mexico Health Statistics gives an overview of selected vital and health statistics for calendar year 1989. To portray the patterns of temporal change, data from earlier years have also been included. The primary sources of these data are the reportable certificates of birth and death, and the federal and state reporting systems.

Unless otherwise indicated, the tabulations of vital events are by place of residence. Thus, births and deaths of New Mexico residents that occurred in other states are included in the tabulations, while the vital events that occurred in New Mexico to non-residents are not included. Tabulations are based on 1989 birth and death certificates received in the vital records office through May 15, 1990. Extending the cut-off date so late into the following year allows for the inclusion of more than 99% of the vital events occurring in 1989 into the tabulations.

The following map depicts the alignment of New Mexico counties into four health service districts. The majority of county data presented in this report are grouped according to these districts.


SAN JUAN
RIO ARRIBA
TAOS
COLFAX
UNION
2
MORA
HARDING
LOS ALAMOS
1
McKINLEY
SANDOVAL
SANTA FE
SAN MIGUEL
BERNALILLO
QUAY
CIBOLA
GUADALUPE
VALENCIA
TORRANCE
CURRY
DE BACA
CATRON
SOCORRO
ROOSEVELT
4
3
LINCOLN
CHAVES
SIERRA
GRANT
OTERO
LEA
DONA ANA
LUNA
EDDY
HIDALGO

Comments on the content and format of this report, or requests for additional data or analysis should be directed to:

Department of Health
Public Health Division
Office of Vital Records and Health Statistics
1190 St. Francis Dr. - Harold Runnels Bldg.
P.O. Box 26110
Santa Fe, New Mexico 87502

Permission to quote from or reproduce materials from this report is granted when due acknowledgement is made.

REPORT PREPARED BY THE
OFFICE OF VITAL RECORDS AND HEALTH STATISTICS

Anthony A. Ortiz, Statistical Research Director

In addition to the statistical tabulations and analysis, the statistical staff is responsible for the review and query of the source documents; the coding and data preparation for submission to key entry; the maintenance of the statistical data file; and the graphical layouts of the report.

The statistical efforts and establishment of a statistical file are strongly supported by the registration, correction and amendment efforts of the records staff, which also maintains the other component of a vital records program - the issuance of certified copies of vital records.

The staffing components of the Office of Vital Records and Health Statistics are identified on the back inside cover of this report.

ACKNOWLEDGEMENTS

Grateful acknowledgement is made to the administration of the Department of Health for its support, as well as to the various sections of the department for their support and help. Particular thanks to the Information Systems Bureau for their programming and key entry support; and to the sections of the Infectious Disease Prevention and Control Bureau, and the Office of Epidemiology, for their cooperation and help with various aspects of the report.

Acknowledgement and thanks are also extended to the various State and Federal agencies whose data aided in the preparation of this report. Among these agencies are: New Mexico Tumor Registry, Bureau of Business and Economic Research, National Center for Health Statistics, Bureau of the Census and the Centers for Disease Control.

The 1989 Annual Report, our first layout completely prepared on in-house computers, is dedicated to Roy McKeag, former Director of the Public Health Division. Mr. McKeag challenged us to cut production time by several months, and gave us encouragement and the support to address the challenge.

TABLE OF CONTENTS

HIGHLIGHTS New Mexicans on the Average 1
New Mexico Health Statistics 2

DEFINITIONS 3

INTRODUCTION
POPULATION 4
INCOME 11
MARRIAGE/DIVORCE 13
ABORTION 14

NATALITY
FERTILITY 18
NATALITY BY AGE OF MOTHER 20
LIVE BIRTH ORDER 22
BIRTHS TO SINGLE MOTHERS 24
LOW BIRTH WEIGHT 27
GESTATIONAL AGE 29
CONGENITAL ANOMALIES 30
PARENT'S LEVEL OF EDUCATION 31
MULTIPLE BIRTHS 32
HOSPITAL/ATTENDANT 32
LEVEL OF PRENATAL CARE 33

MORTALITY
ALL CAUSES 37
LIFE EXPECTANCY 38
LEADING CAUSES OF DEATH 38
CAUSES BY AGE 42
CAUSES BY COUNTY 46
STANDARDIZED MORTALITY RATIOS 51
YEARS OF POTENTIAL LIFE LOST 54
INFANT MORTALITY 55
MATERNAL MORTALITY 60
FETAL MORTALITY 61

COMMUNICABLE DISEASES
AIDS 64
GONORRHEA/SYPHILIS 64
PLAGUE 66
RABIES 67
DIPHTHERIA 68
TUBERCULOSIS 68
RUBELLA 69
MEASLES 69
OTHER COMMUNICABLE DISEASES 70

SPECIAL FEATURE
NEW MEXICO COUNTY HEALTH PROFILES 72
APPENDIX 139

NEW MEXICANS

ON THE AVERAGE

MARRIAGE

35 MARRIAGES A DAY

DIVORCE

21 DIVORCES A DAY

INCOME

PER CAPITA
INCOME 13,191

1 Out of 7 Familes Below Poverty
1 Out 6 Persons Below Poverty

POPULATION

13 PERSONS PER SQUARE MILE
MEDIAN AGE 30.8
11 OUT OF 100 ARE 65 YEARS OF AGE OR OLDER
9 OUT OF 100 ARE LESS THAN 5 YEARS OF AGE
16 OUT OF 100 ARE 5-14 YEARS OF AGE
32 OUT OF 100 ARE 15-34 YEARS OF AGE
32 OUT OF 100 ARE 35-64 YEARS OF AGE

8 Out of 100 are Indian
2 Out of 100 are Black
4 Out of 10 are Hispanic White
5 Out of 10 are non-Hispanic White

BIRTHS
75 BIRTHS A DAY

1 Out of 6 to Teen Mothers
1 Out of 3 to Women 20-24
1 Out of 3 to Single Women

37 Out of 100 were First Born
1 Out of 14 were Low Birth Weight
98 Out of 100 were Born In Hospitals
1 Out of 100 reported Congenital Anomalies

18 Maternal deaths for every 100,000 live births
4 Fetal deaths for every 1,000 live births
1 Infant death before age one for every 100 live births
14 Abortions a day - 1 out of 3 to women 20-24

DEATHS
29 DEATHS A DAY

8 a day from Heart Disease
6 a day from Cancer
2 a day from Accidents
2 a day from Stroke
1 a day from Suicide or Homicide

LIFE EXPECTANCY

79.0 YEARS FOR FEMALES

70.3 YEARS FOR MALES

HIGHLIGHTS NEW MEXICO HEALTH STATISTICS 1989

POPULATION	As the ninth fastest growing State between 1980-1989, New Mexico reached a 1989 population total of 1,531,000 persons ranking it 37th in total population and eighth lowest in population density. New Mexico's population remains relatively young; however, the percentage of population 65 and older is increasing at a rate nearly double that nationally - a rate of growth exceeded in only four states. Projections indicate a continued increase in the percentage of older population in the State.
INCOME	New Mexico's per capita personal income of $13,191 was 25% lower than the national figure and ranked New Mexico 45th among the States. 14% of New Mexico families are below poverty level, ranking New Mexico sixth highest among the States.
MARRIAGE / DIVORCE	The State's marriage rate and divorce rate both continued dropping. New Mexico's marriage rate was 14% lower than nationally for 1989, while the divorce rate was 6% higher.
ABORTIONS	5125 New Mexico resident women obtained legal induced abortions in 1989, a decrease of only 1 abortion from 1988, 26% were under 20 years of age, and 50% were 20-29 years of age; 79% were single, 63% had had no previous abortions, and 56% obtained the abortion prior to the nineth week of gestation.
BIRTHS	New Mexico experienced an increasing birth rate from 1976 to 1980 followed by a general decrease in rate thru 1989. Despite the decrease, New Mexico's rate ranked fifth among the states, and exceeded the national rate by 10%.
AGE OF MOTHER	Birth rates are higher in New Mexico than nationally for all age groups of women ages 15 and older; in 1989 the State showed increases in rates of childbearing for the 15-19, 20-24 and 35-39 age groups of women. The highest rate is for women 20-24. The birth rate for teenage women in the State was 37% higher than nationally in 1988.
LIVE BIRTH ORDER	37% of 1989 births to New Mexico residents were first order births. The general long-term trend has been toward a greater percentage of first and second order births and a decreased percentage of higher order births in the State.
BIRTHS TO SINGLE MOTHERS	34.6% of live births in New Mexico during 1989 were to single mothers. The percentage of births to single mothers is highest for teenagers. New Mexico percentages exceeded national percentages of births to single mothers in all age groups in 1988.
LOW BIRTH WEIGHT	The incidence of low birth weight babies in New Mexico decreased slightly to 6.9% in 1989, from 7.2% in 1988. In 1988 the incidence in the State was 4% higher than nationally, and is higher for younger and older women and lowest for women 25-29.
CONGENITAL ANOMALIES	Congenital anomalies of varying degrees of severity were reported for 1.16% of resident live births in New Mexico(1985-89).
MULTIPLE BIRTHS	There were 473 live births in multiple deliveries in 1989. New Mexico's multiple birth ratio of 17 live births in multiple deliveries per 1,000 total live births in 1989 was lower than the national ratio of 22 for 1988.
MORTALITY	Because of a younger population structure, New Mexico's crude death rates are well below the national figures: age-adjustment of the rates reveals only slightly lower overall mortality rates for New Mexico than nationally for both males and females. Mortality in New Mexico is higher than nationally for ages 1-44 years and lower for ages 45 and older.
LIFE EXPECTANCY	Life expectancy at birth for New Mexico males is the same as nationally, and is 1.1 years more for New Mexico females than for females nationally. In New Mexico, females have a life expectancy 8.7 years greater than do males.
LEADING CAUSES	Heart disease, cancer and accidents are the leading causes of death in New Mexico. Mortality from heart disease and cancer is lower in New Mexico than nationally, but accidents account for almost two times the percentage of deaths in New Mexico as nationally. Mortality in the State decreased in 1989 for stroke, accidents, suicide, homicide, atherosclerosis, certain conditions originating in the perinatal period, nephritis/nephrotic syndrome and nephrosis, congenital anomalies, and septicemia, while increasing for diseases of the heart, cancer, C.O.P.D., influenza and pneumonia, cirrhosis, alcoholism, alzheimers disease and HIV infection. The mortality rates for accidents, C.O.P.D., diabetes, suicide, cirrhosis, homicide, alcoholism and congenital anomalies exceeded national rates for these causes of death. Fifty-eight percent more deaths occurred to persons under 35 years of age in New Mexico than nationally. Accidents are the leading cause of death for New Mexicans ages 1-44. Suicide and homicide rank next as causes of death for New Mexicans 15-24 years of age.
INFANT MORTALITY	In 1989 New Mexico's infant mortality rate of 8.5 was 12% lower than the national rate and a 14% decrease from the previous year. New Mexico's neonatal mortality rate was 14% lower than nationally and the postneonatal component of infant mortality in the State was 11% lower than nationally.
MATERNAL MORTALITY	5 maternal deaths were reported in 1989 for a rate of 18.3 maternal deaths per 100,000 live births as compared to 6.5 nationally.
FETAL MORTALITY	111 resident fetal deaths were reported in 1989, for a fetal death ratio of 4.1 fetal deaths per thousand live births; a 24% decrease in number from the previous year. The State's fetal death ratio remains lower than nationally for all ages of mothers, with the exception of the under 15 age group, which had the same ratio as nationally.
COMMUNICABLE DISEASES:	
AIDS	A total of 94 cases of AIDS were reported in the State in 1989, bringing the total reported through 1989 to 259 cases.
GONORRHEA	The number of reported cases in the State decreased for the thirteenth successive year; since 1978 New Mexico's case rate has been below the national rate.
SYPHILIS	The number of cases of infectious syphilis decreased in 1989 by 40% from the total cases for the prior year and the reported cases of non-infectious syphilis decreased by 63%.
TUBERCULOSIS	The State's incidence rate for tuberculosis decreased from 6.7 cases per 100,000 population in 1988 to 6.1 in 1989 and was 33% lower in 1989 than incidence nationally in 1988.
OTHER	No cases of rubella have been reported in New Mexico for the last four years. No cases of diphtheria have been reported in New Mexico for the last twelve years. A major outbreak of 317 cases of measles was reported in 1987, but no cases were reported in 1988, and 31 cases were reported in 1989. Two cases of plague were reported in the State in 1989.

DEFINITIONS

RESIDENCE DATA ---- Data allocated by place of residence of the decedent (deaths) or by place of residence of the child's mother (births, fetal deaths).

OCCURRENCE DATA ---- Data allocated by place where event occurred, regardless of the person's place of residence.

LIVE BIRTH — A birth that shows any sign of life after delivery.

LOW BIRTH WEIGHT ---- A live birth weighing less than 2500 grams (5 1/2 pounds).

FETAL DEATH ---- A fetal death is defined as a death in utero (in the womb prior to birth), sometimes referred to as a "stillbirth". New Mexico statute requires the reporting of all fetal deaths weighing 500 or more grams. Prior to 1980, the criteria had been 20 or more weeks of gestation.

INFANT DEATH ---- Death of an infant under one year of age (neonatal + postneonatal).

NEONATAL DEATH ---- Death of a newborn under 28 days of age.

POSTNEONATAL DEATH ---- Death of an infant 28 days of age and older, but not yet having atttained one year of age.

MATERNAL DEATH ---- Death attributed to complications of pregnancy, childbirth or the puerperium.

PUERPERIUM ---- Period after delivery of placenta, which extends until the organs of reproduction have returned to normal, usually 6 to 8 weeks.

NATURAL INCREASE ---- Excess of births minus deaths.

(CRUDE) BIRTH RATE ---- Number of live births per 1,000 population.

FERTILITY RATE ---- Number of live births per 1,000 women 15-44 years of age.

FETAL DEATH RATIO ---- Number of fetal deaths per 1,000 live births.

INFANT DEATH RATE ---- Number of infant deaths per 1,000 or 100,000 live births.

NEONATAL DEATH RATE ---- Number of neonatal deaths per 1,000 or 100,000 live births.

POSTNEONATAL DEATH RATE ---- Number of postneonatal deaths per 1,000 or 100,000 live births.

MATERNAL DEATH RATE ---- Number of maternal deaths per 100,000 live births.

(CRUDE) DEATH RATE ---- Number of deaths per 1,000 or 100,000 population.

AGE-ADJUSTED DEATH RATE (Direct Method) --- Elimination of the effects of difference in age composition by adjustment of the rate to a standard. New Mexico age-adjusted death rates are based on a three year aggregate of resident deaths adjusted to the United States population for the mid-year of the three year span. The rate is expressed as the number of deaths per 100,000

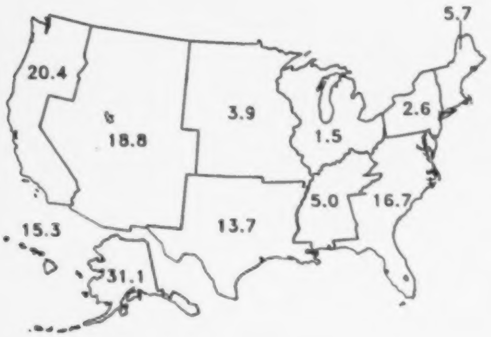
INTRODUCTION

POPULATION

The total United States population for 1989 was estimated to be 248,239,000 persons. This total represents a 9.6% increase in the nation's population since 1980- an average yearly growth of 1.1%.

The Pacific Division, including Alaska and Hawaii is the fastest growing division of the Eighties having increased 20.4%. The second fastest of the Eighties is the Mountain Division with a 18.8% increase (Figure 1.1), followed by the South Atlantic Division (16.7%).

FIGURE 1.1
UNITED STATES
PERCENTAGE INCREASE IN POPULATION BY DIVISION
1980-1989



Nevada, Alaska, Arizona and Florida have been the nation's fastest growing states of the Eighties. Nevada, Arizona and Florida were the fastest growing states for 1970-1980. New Mexico is the 9th fastest growing state of the Eighties, increasing 17.5% in population. During the Seventies, New Mexico was also the 9th fastest growing state (Table 1.1).

New Mexico's population has continued to increase over the years (Figure 1.2), however, the rate of growth and the components of growth have shown notable variation.

From 1920 to 1930, the State's population increased 17.5%; 1930 to 1940 - 25.8%; 1940 to 1950 - 28.0%; 1950 to 1960 - 39.6%; 1960 to 1970 - 6.9%; and from 1970 to 1980, the population increased 28.1%. The State's population reached a 1980 census count of 1,302,894 persons, increasing to an estimated 1,531,000 persons in 1989.

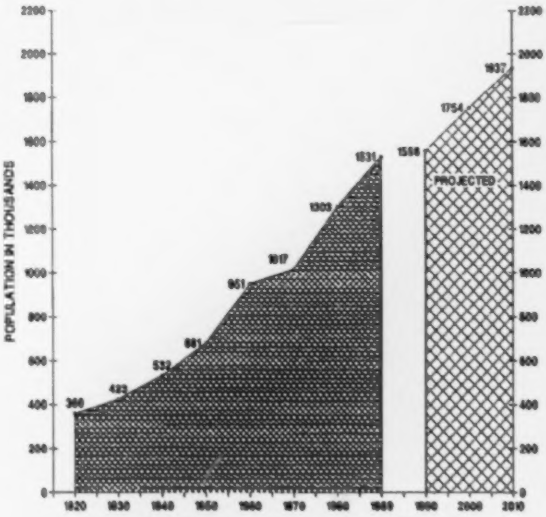
In the Fifties, New Mexico experienced its highest percentage of growth, mainly due to a high rate of natural increase (excess of births over deaths) coupled with a high rate of in-migration (Table 1.2).

TABLE 1.1
TEN FASTEST GROWING STATES
1980-1989 AND 1970-80

RANK	STATE	PERCENT INCREASE 1980-1989	STATE	PERCENT INCREASE 1970-1980
1	Nevada	38.8	Nevada	63.8
2	Alaska	31.1	Arizona	53.1
3	Arizona	30.8	Florida	43.5
4	Florida	30.0	Wyoming	41.3
5	California	22.8	Utah	37.9
6	New Hampshire	20.3	Alaska	32.8
7	Texas	19.4	Idaho	32.4
8	Georgia	17.8	Colorado	30.8
9	New Mexico	17.5	New Mexico	28.1
10	Utah	16.8	Texas	27.1

SOURCE: Bureau of Census

FIGURE 1.2
NEW MEXICO
POPULATION COUNTS, ESTIMATES, PROJECTIONS 1920 - 2010



CENSUS YEARS 1920-1980 TAKEN FROM BUREAU OF CENSUS COUNTS. 1989 ESTIMATE FROM CURRENT POPULATION REPORTS P-25 BUREAU OF CENSUS.

1990-2010 PROJECTION, NEW MEXICO POPULATION BY COUNTY, 1990-2010, BBER, JUNE 1990.

During the Sixties the State's growth continued, but at a much slower rate due in part to a lower rate of natural increase, reflecting the lower birth rates of the period, but also reflecting the impact of the out-migration experienced in New Mexico during the Sixties.

The Seventies were years of renewed growth for the State. As birth rates in the State were lower than those of previous periods, the natural increase component of the State's growth for 1970-1980 decreased from previous periods to less than half of what it was for 1950-1960. However, a markedly increased in-migration component of population growth resulted in a 28.1% population increase in New Mexico from 1970 to 1980. Net migration accounted for half of the growth of the Seventies.

TABLE 1.2
NEW MEXICO
COMPONENTS OF POPULATION CHANGE
1950-1989

	NET CHANGE		COMPONENTS OF CHANGE (%)	
TIME PERIOD	NUMBER (Persons)	PERCENT	NATURAL INCREASE	NET MIGRATION
1980-89	228,106	17.5	12.5	5.0
1970-80	285,839	28.1	14.0	14.1
1960-70	66,032	6.9	19.4	-12.4
1950-60	269,836	39.6	29.7	9.9

Between 1980 and 1989, natural increase has been the major component of the State's growth accounting for 71% of that growth.

The effect of the changing components of New Mexico's population growth has been to create changes in the structural composition of the State's population. Because of the general decrease in birth rates, increased life span, and the increased rate of the in-migration component of population change, the age distribution of New Mexico's population has changed over the years.

One of the most notable changes is the increased percentage of older population (Table 1.3). Population projections indicate a continuing increase in the percentanges for older age groups in the State, while younger age groups comprise the decreasing percentages of New Mexico's population.

Figure 1.3 graphically illustrates the growth rates of various age groups for New Mexico and the U.S. populations for 1970-1980 and 1980-1989. New Mexico's 65 and older population was the fastest growing of any age group in 1970-1980 with a rate of increase over 2 times greater than the national rate for this age group.

The 18-44 age group ranked as the State's second fastest growing at a rate 64% higher than nationally. The rate of growth for New Mexico's population age 45-64 was over 4 1/2 times the national rate for this age group for 1970-1980.

For the period 1980-1989 the 65 and older age group showed the greatest percentage increase in population, followed by the 18-44 and under five age groups.

In spite of the changing age structure, as seen in Figure 1.4 on the following page, New Mexico's population remains comparatively young.

Whereas 26% of the U.S. population in 1989 was under 18 years of age, 30% of New Mexico's population fell into that age group. 1989 estimates showed the median age in New Mexico to be 30.8 years as compared to 32.7 nationally; only six States showed a younger median age.

TABLE 1.3
NEW MEXICO POPULATION
PERCENTAGE DISTRIBUTION BY AGE GROUP
1970 - 1980
PROJECTED 1990, 2000 AND 2010

AGE GROUP	CENSUS		PROJECTED*			% CHANGE
	1970	1980	1990	2000	2010	1980 TO 2010
< 5	9.5%	8.8%	8.8	7.6	7.4%	-15.9%
5-14	23.8	17.2	16.5	15.5	14.1	-18.0
15-24	18.5	19.8	14.5	14.8	14.2	-28.3
25-34	12.3	16.6	17.2	13.3	13.7	-17.5
35-44	11.4	11.1	14.7	15.6	12.3	+10.8
45-54	10.0	9.4	9.5	13.0	14.0	+48.9
55-64	7.5	8.2	7.8	8.2	11.3	+37.8
65+	6.9	8.9	10.9	11.9	13.0	+46.1

SOURCE: Date based on Bureau of Census figures for Census years.

SOURCE OF PROJECTIONS: "NEW MEXICO POPULATIONS by COUNTY 1980-2010," Bureau of Business and Economic Research, Institute for Applied Research Services, University of New Mexico, June 90.

FIGURE 1.3
PERCENTAGE POPULATION CHANGE
BY AGE GROUP
NEW MEXICO AND UNITED STATES
1970-1980 & 1980-1989

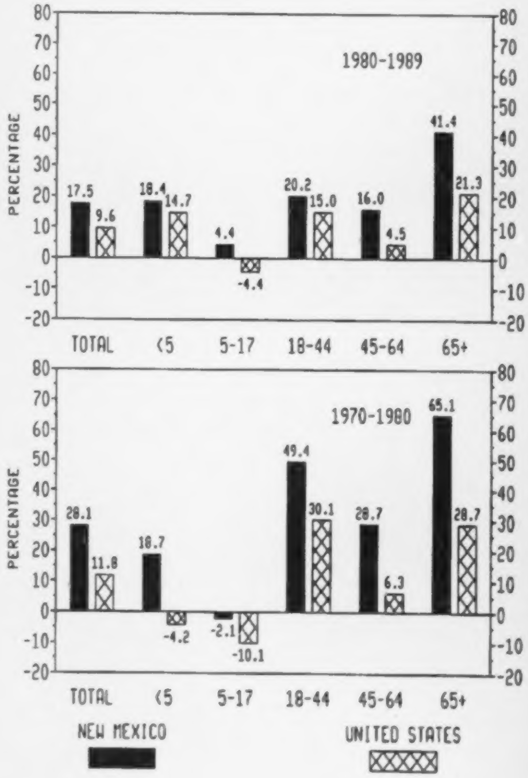
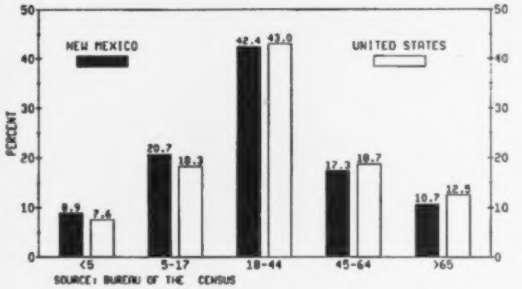


FIGURE 1.4
1989 POPULATION ESTIMATES AGE DISTRIBUTION NEW MEXICO AND UNITED STATES



SOURCE: BUREAU OF THE CENSUS

TABLE 1.4
NEW MEXICO POPULATION PERCENTAGE DISTRIBUTION BY AGE GROUP BY COUNTY 1989 ESTIMATES

		COUNTY	PERCENTAGE DISTRIBUTION BY AGE				
			< 5	5-19	20-44	45-64	65+
		UNITED STATES	7.6%	21.3%	39.9%	18.7%	12.5%
		NEW MEXICO	8.9%	23.8%	39.2%	17.3%	10.7%
		BERNALILLO	8.2	21.4	42.7	17.7	10.1
		CIBOLA	10.7	25.6	35.2	19.7	8.8
		MCKINLEY	11.7	30.7	38.8	13.7	5.2
	1	SANDOVAL	9.2	24.3	35.8	18.8	11.9
		SAN JUAN	10.5	29.7	37.3	14.9	7.6
		TORRANCE	8.8	24.3	33.8	18.9	14.2
		VALENCIA	8.8	25.3	37.3	18.2	10.4
H		COLFAX	8.6	21.4	35.4	18.8	15.7
E		HARDING	7.5	21.5	30.9	17.8	22.3
A		LOS ALAMOS	6.4	19.9	37.3	28.2	8.2
L		MORA	9.3	22.4	33.9	17.4	17.0
T	2	RIO ARRIBA	9.7	27.0	37.0	16.6	9.7
H		SAN MIGUEL	9.1	25.2	38.2	14.8	12.7
		SANTA FE	8.1	21.8	41.7	18.2	10.1
D		TAOS	9.1	25.8	37.7	17.9	9.6
I		UNION	8.2	23.3	29.6	20.1	18.8
S							
T		CATRON	7.5	22.7	36.3	18.5	14.9
R		DONA ANA	9.5	24.4	41.1	16.2	8.8
I		GRANT	8.1	25.2	36.0	18.3	12.4
C	3	HIDALGO	9.6	25.2	33.2	16.3	15.6
T		LUNA	7.7	21.1	29.0	20.3	21.9
S		OTERO	10.3	23.7	41.7	16.3	8.1
		SIERRA	5.5	13.6	22.0	23.1	35.8
		SOCORRO	8.9	26.7	37.2	16.7	10.5
		CHAVES	9.3	22.9	33.3	18.1	16.5
		CURRY	9.1	25.1	37.7	15.6	12.5
		DE BACA	7.5	16.9	30.7	20.1	24.8
		EDDY	8.2	24.6	34.2	18.1	15.0
	4	GUADALUPE	9.7	22.1	33.9	18.8	15.5
		LEA	8.9	28.7	38.4	14.9	9.1
		LINCOLN	8.5	21.2	36.6	20.4	13.3
		QUAY	8.2	22.8	32.3	20.9	15.9
		ROOSEVELT	8.4	23.1	38.5	16.4	13.6

New Mexico estimates for 1989 based on 1989 county total population estimates, age distributed for 1989 as interpolated from 1985 and 1990 county population projections by age published by the Bureau of Business and Economic Research, Institute for Applied Research Services, University of New Mexico. June 1990.

In only four of the state's counties is the percentage of population under 20 years of age less than that for the nation. In McKinley and San Juan, over 40% of each county's population is under 20 years of age (Table 1.4). Over one-third of Sierra County's population is 65 years of age or older. In McKinley County just over 5% of the population is age 65 and older.

Sandoval County showed the largest percentage population increase for the period 1970-1980, (Table 1.5) nearly doubling its population. Seven counties registered decreases in population for the period.

The components affecting county population changes varied from county to county. In the fastest growing county (Sandoval) in-migration accounted for 81% of population growth.

According to the 1980 Census, New Mexico's population increased by 28.1% during 1970-80, an increase of 285,839 persons, resulting in a total population of 1,302,894. The state's overall in-migration accounted for 50.2% of the increase.

TABLE 1.5
NEW MEXICO POPULATION BY COUNTY 1980

		COUNTY	1980 CENSUS	1970 CENSUS	NET CHANGE 1970-1980		COMPONENTS OF CHANGE 1970-1980	
					NUMBER	PERCENT	NATURAL INCREASE* %	NET MIGRATION %
		NEW MEXICO	1,302,894	1,017,055	285,839	28.1	14.0	16.1
		BERNALILLO	419,700	315,774	103,926	32.9	12.8	20.1
		CIBOLA	Cibola County included in Valencia County.					
		MCKINLEY	56,449	43,208	13,241	30.6	25.9	4.7
	1	SANDOVAL	34,799	17,492	17,307	98.9	18.9	80.0
		SAN JUAN	81,433	52,517	28,916	55.1	22.8	32.3
		TORRANCE	7,491	5,290	2,201	41.6	8.7	32.9
		VALENCIA	61,115	40,576	20,539	50.6	17.4	33.2
H		COLFAX	13,667	12,170	1,497	12.3	7.7	4.6
E		HARDING	1,090	1,348	- 258	-19.1	0.8	-19.9
A		LOS ALAMOS	17,599	15,198	2,401	15.8	9.0	6.8
L		MORA	4,205	4,673	- 468	-10.0	6.8	-16.8
T	2	RIO ARRIBA	29,282	25,170	4,112	16.3	16.7	- 0.4
H		SAN MIGUEL	22,751	21,951	800	3.6	11.5	- 7.9
		SANTA FE	75,360	54,774	20,586	37.6	12.7	24.9
D		TAOS	19,456	17,516	1,940	11.1	13.0	- 1.9
I		UNION	4,725	4,925	- 200	- 4.1	3.6	- 7.7
S								
T		CATRON	2,720	2,198	522	23.7	8.3	15.4
R		DONA ANA	96,340	69,773	26,567	38.1	16.6	21.5
I		GRANT	26,204	22,030	4,174	18.9	14.5	4.4
C	3	HIDALGO	6,049	4,734	1,315	27.8	17.2	10.6
T		LUNA	15,585	11,706	3,879	33.1	11.2	21.9
S		OTERO	44,665	41,097	3,568	8.7	17.9	- 9.2
		SIERRA	8,454	7,189	1,265	17.6	- 7.6	25.2
		SOCORRO	12,566	9,763	2,803	28.7	13.6	15.1
		CHAVES	51,103	43,335	7,768	17.9	8.2	9.7
		CURRY	42,019	39,517	2,502	6.3	17.8	-11.5
		DE BACA	2,454	2,547	- 93	- 3.7	0.1	- 3.8
		EDDY	47,855	41,119	6,736	16.4	9.7	6.7
	4	GUADALUPE	4,496	4,969	- 473	- 9.5	8.1	-17.6
		LEA	55,993	49,554	6,439	13.0	13.9	- 0.9
		LINCOLN	10,997	7,560	3,437	45.5	9.8	35.7
		QUAY	10,577	10,903	- 326	- 3.0	4.6	- 7.6
		ROOSEVELT	15,695	16,479	- 784	- 4.8	8.4	-13.2

*/Excess of births minus deaths; net migration is the difference between net change and natural increase.

SOURCE: BUREAU OF CENSUS, CURRENT POPULATION REPORT

Forty-one percent of the State's counties experienced a net out-migration during 1970-80. Harding experienced the largest overall percentage population loss.

Between 1980 and 1989, an additional increase of 228,106 persons was added to the State's population bringing the 1989 total population estimate to 1,531,000. Sandoval County has been the fastest growing of the State's counties in the Eighties.

In-migration accounted for 29% of the overall New Mexico population increase during the period. For the State's fastest growing counties - Sandoval, Valencia, Torrance, Dona Ana, Santa Fe and Lincoln, in-migration played a major role. However, in Bernalillo and McKinley counties natural increase was the major component of growth.

Though not the fastest growing, Bernalillo County remained by far the State's most populous county followed by Dona Ana, Santa Fe and San Juan. In all, nine counties exceed 50,000 in population accounting for 73% of the state population in 1989. Harding County was the least populated of New Mexico's counties (Table 1.6).

TABLE 1.6
NEW MEXICO
ESTIMATES OF POPULATION BY COUNTY
1989

	COUNTY	1989 ESTIMATES	1980 CENSUS	NET CHANGE 1980-1989 NUMBER	NET CHANGE 1980-1989 PERCENT	COMPONENTS OF CHANGE 1980-1989 NATURAL INCREASE* %	COMPONENTS OF CHANGE 1980-1989 NET MIGRATION %
	NEW MEXICO	1,531,000	1,302,894	228,106	17.5	12.5	5.0
	BERNALILLO	504,800	419,700	85,100	20.3	11.0	9.3
	CIBOLA	20,700	30,346	-9,646	-31.8	12.0	-43.8
1	MCKINLEY	67,600	56,449	11,151	19.8	22.5	-2.7
	SANDOVAL	63,600	34,799	28,801	82.8	17.5	65.3
	SAN JUAN	85,900	81,433	4,467	5.5	19.6	-14.1
	TORRANCE	10,800	7,491	3,309	44.2	8.5	35.6
	VALENCIA	46,400	30,769	15,631	50.8	12.3	38.5
H	COLFAX	13,400	13,667	-267	-2.0	7.4	-9.4
E	HARDING	1,000	1,090	-90	-8.3	2.7	-10.9
A	LOS ALAMOS	19,500	17,599	1,901	10.8	6.9	3.9
L	MORA	4,300	4,205	95	2.3	7.4	-5.2
T 2	RIO ARRIBA	32,700	29,282	3,418	11.7	14.4	-2.7
H	SAN MIGUEL	25,200	22,751	2,449	10.8	11.4	-0.6
	SANTA FE	97,700	75,360	22,340	29.6	10.6	19.1
D	TAOS	21,600	19,456	2,144	11.0	12.4	-1.4
I	UNION	4,500	4,725	-225	-4.8	4.2	-9.0
S							
T	CATRON	2,800	2,720	80	2.9	4.7	-1.8
R	DONA ANA	131,600	96,340	35,260	36.6	15.4	21.2
I	GRANT	27,300	26,204	1,096	4.2	10.0	-5.8
C 3	HIDALGO	5,900	6,049	-149	-2.5	11.4	-13.9
T	LUNA	18,400	15,585	2,815	18.1	5.7	12.4
S	OTERO	51,200	44,665	6,535	14.6	16.6	-2.0
	SIERRA	9,800	8,454	1,346	15.9	-6.6	22.5
	SOCORRO	14,700	12,566	2,134	17.0	11.7	5.2
	CHAVES	55,400	51,103	4,297	8.4	9.0	-0.6
	CURRY	42,500	42,019	481	1.1	13.4	-12.3
	DE BACA	2,200	2,454	-254	-10.4	0.2	-10.6
4	EDDY	47,900	47,855	45	0.1	8.9	-8.8
	GUADALUPE	4,000	4,496	-496	-11.0	8.6	-19.6
	LEA	56,400	55,993	407	0.7	15.0	-14.3
	LINCOLN	13,300	10,997	2,303	20.9	10.3	10.6
	QUAY	11,300	10,577	723	6.8	4.1	2.7
	ROOSEVELT	16,300	15,695	605	3.9	9.0	-5.2

* / Excess of births minus deaths; net migration is the difference between net change and natural increase.

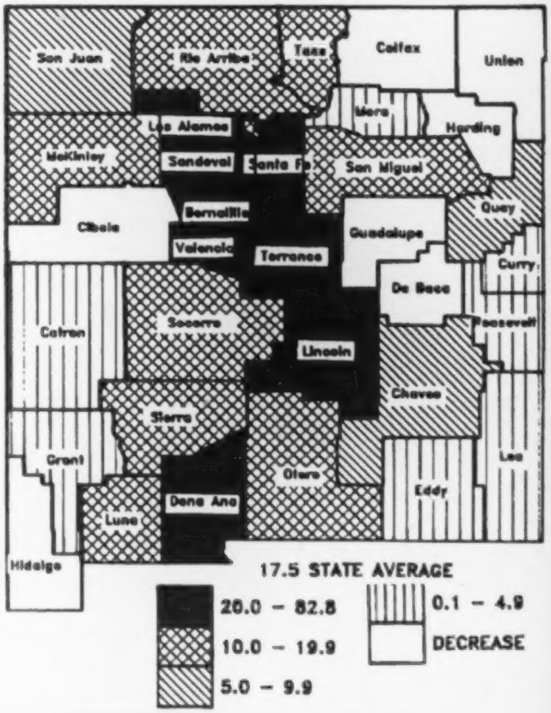
State estimate is to the nearest thousand; county estimates to the nearest hundred.

Although the percentage of population increase as shown in Figure 1.5 does indicate the rate of change in a county's population in relation to its previous population, it does not provide an indication of the actual population involved.

Sandoval County, the fastest growing county in the State for the period 1980-1989 increased by 82.8% during that period, an actual increase of 28,801 persons. Dona Ana County, the fourth fastest growing, increased in population by 36.6% for an actual population increase of 35,260 persons; twenty-two percent more people than Sandoval County's increase.

The percentage change was 20.3%, but in actual number of people Bernalillo County registered the largest gain in the State during the period 1980-1989 (85,100 persons).

FIGURE 1.5
NEW MEXICO
PERCENTAGE CHANGE IN POPULATION BY COUNTY
1980-1989



Of the State's population increase of 228,106 persons during the period 1980-1989, Bernalillo County accounted for 37% of that growth. Dona Ana County received 15% of the state's total increase while Sandoval County accounted for another 13%. These three counties plus Santa Fe, Valencia, McKinley, Otero, San Juan, and Chaves, in that ranking, contributed 94% of the total population increase in New Mexico for the period 1980-1989 (Figure 1.6).

As noted earlier, population changes are composed of two factors: natural increase and net migration. During

FIGURE 1.6
% DISTRIBUTION OF NEW MEXICO 1980 - 1989 POPULATION INCREASE

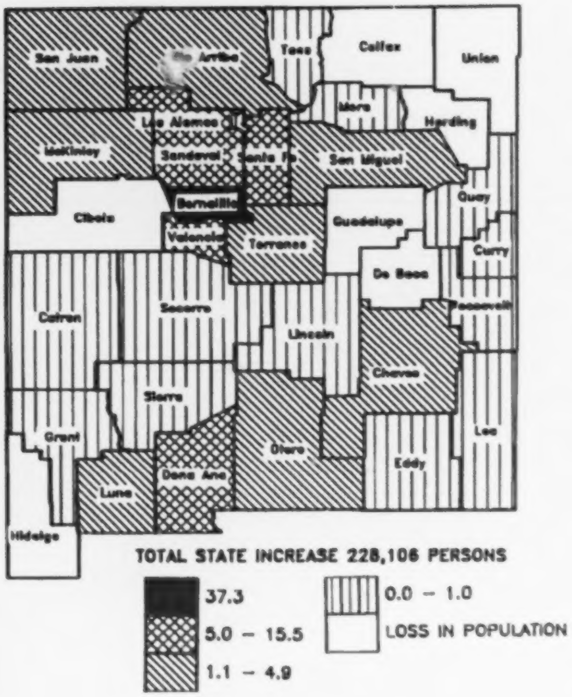
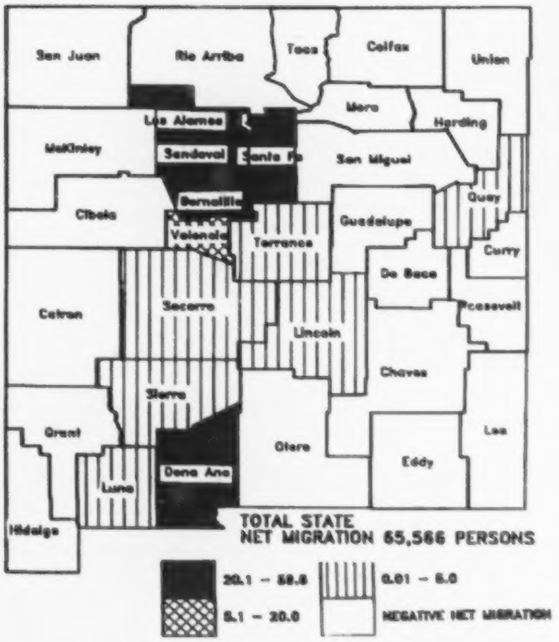

San Juan
Rio Arriba
Taos
Colfax
Union
Mora
Harding
Los Alamos
McKinley
Sandoval
Santa Fe
San Miguel
Bernalillo
Quay
Cibola
Valencia
Torrance
Guadalupe
Curry
De Baca
Catron
Socorro
Roosevelt
Lincoln
Chaves
Sierra
Grant
Lea
Otero
Eddy
Dona Ana
Luna
Hidalgo
TOTAL STATE INCREASE 228,106 PERSONS
37.3
5.0 – 15.5
1.1 – 4.9
0.0 – 1.0
LOSS IN POPULATION

FIGURE 1.7
% DISTRIBUTION OF NEW MEXICO 1980 - 1989 NET MIGRATION


San Juan
Rio Arriba
Taos
Colfax
Union
Mora
Harding
Los Alamos
McKinley
Sandoval
Santa Fe
San Miguel
Bernalillo
Quay
Cibola
Valencia
Torrance
Guadalupe
Curry
De Baca
Catron
Socorro
Roosevelt
Lincoln
Chaves
Sierra
Grant
Lea
Otero
Eddy
Dona Ana
Luna
Hidalgo
TOTAL STATE
NET MIGRATION 65,566 PERSONS
20.1 – 59.8
5.1 – 20.0
0.01 – 5.0
NEGATIVE NET MIGRATION

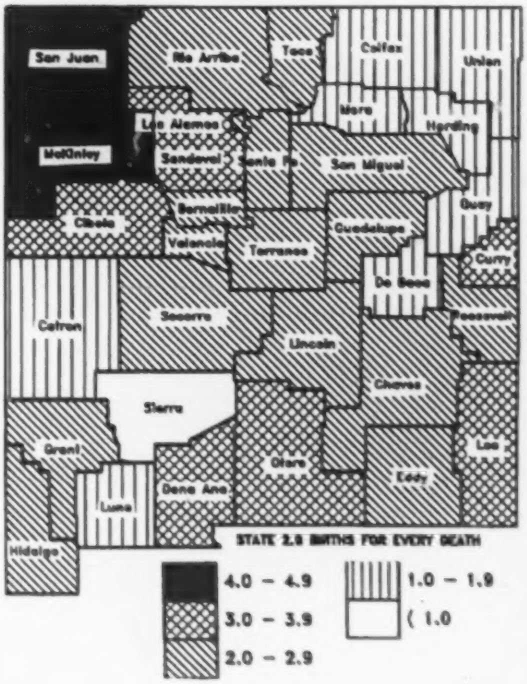
1980-1989, 65,566 persons were added to the State's population as a result of migration. Net migration accounted for 29% of the State's total population increase, as New Mexico's fastest growing counties relied heavily on in-migration for growth. In Sandoval County, the fastest growing county, migration accounted for 79% of it growth.

Bernalillo County accounted for sixty percent of New Mexico's net migration in 1980-1989 followed by Sandoval (35%), Dona Ana (31%) and Santa Fe (22%) counties (Figure 1.7).

Of the State's twenty-one counties which experienced a net out-migration during 1980-1989, only seven counties experienced overall losses in population (Cibola, Colfax, Harding, Union, Hidalgo, De Baca, and Guadalupe), as the natural increase components in the other fourteen counties compensated for the losses due to out-migration.

All but eight of New Mexico's counties exceeded the national birth to death ratio for natural increase during this period - 1.8 births for every death. Only in one county did the number of deaths exceed the number of births (Figure 1.8), as natural increase ranged from .6 births for every death in Sierra County, to nearly five births for every death in McKinley and San Juan counties. Overall, the State's ratio of birth to death is 56% higher than nationally.

FIGURE 1.8
NEW MEXICO NATURAL INCREASE BIRTH TO DEATH RATIO
(Number of Births for Every Death)
AVERAGE BY COUNTY
1980-1989


San Juan
Rio Arriba
Taos
Colfax
Union
Mora
Harding
Los Alamos
McKinley
Sandoval
Santa Fe
San Miguel
Bernalillo
Quay
Cibola
Valencia
Torrance
Guadalupe
Curry
De Baca
Catron
Socorro
Roosevelt
Lincoln
Chaves
Sierra
Grant
Lea
Otero
Eddy
Dona Ana
Luna
Hidalgo
STATE 2.8 BIRTHS FOR EVERY DEATH
4.0 – 4.9
3.0 – 3.9
2.0 – 2.9
1.0 – 1.9
(1.0

In-migration, which accounted for half of the State's population growth for 1970-1980, has accounted for only 29% for 1980-1989, as the State increased by 285,839 persons from 1970 to 1980 with an additional population increase of 228,106 persons during the period from 1980 to 1989.

The State is projected to be past the 1.75 million mark by 2000, and to be over 1.9 million people by the year 2010. Bernalillo County will remain New Mexico's most populous county, having surpassed the half million mark in 1989 (Table 1.7).

By 2000, Santa Fe County should exceed 100,000 in population, and by the year 2010 the population in Dona Ana County should exceed 185,000. Three counties (Harding, Mora and Union) are projected to experience overall population decreases with one county (De Baca) showing no change in population between 1989 and the year 2010. All other counties are expected to show an increase, ranging from 1.6% for Chaves County to 73.0% for Sandoval County.

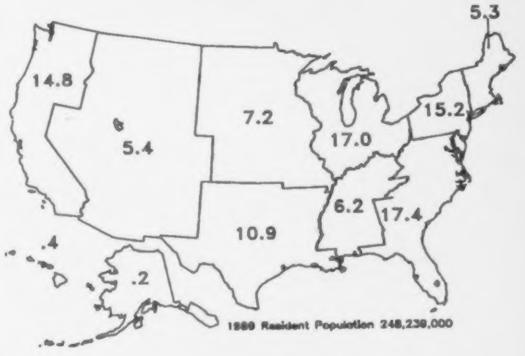
TABLE 1.7
NEW MEXICO
PROJECTED COUNTY POPULATIONS
1989, 2000, 2010

	COUNTY	1989 ESTIMATE	2000 PROJECTION	2010 PROJECTION	% CHANGE 1989 TO 2000	% CHANGE 1989 TO 2010
	NEW MEXICO	1,531,000	1,754,000	1,937,500	14.6	26.6
	BERNALILLO	504,800	579,300	642,900	14.8	27.4
	CIBOLA	20,700	20,900	21,100	1.0	1.9
	MCKINLEY	67,600		92,900	18.3	37.4
1	SANDOVAL	63,600	89,000	110,000	39.9	73.0
	SAN JUAN	85,900	91,200	95,600	6.2	11.3
	TORRANCE	10,800	13,300	15,200	23.1	40.7
	VALENCIA	46,400	61,800	72,000	33.2	55.2
H	COLFAX	13,400	13,500	13,700	0.7	2.2
E	HARDING	1,000	900	900	-10.0	-10.0
A	LOS ALAMOS	19,500	21,500	22,600	10.3	15.9
L	MORA	4,300	4,200	4,200	-2.3	-2.3
T 2	RIO ARRIBA	32,700	37,100	41,300	13.5	26.3
H	SAN MIGUEL	25,200	27,200	28,900	7.9	14.7
	SANTA FE	97,700	115,700	129,600	18.4	32.7
D	TAOS	21,600	23,900	25,300	10.6	17.1
I	UNION	4,500	4,300	4,100	-4.4	-8.9
S						
T	CATRON	2,800	2,900	2,900	3.6	3.6
R	DONA ANA	131,600	161,900	187,500	23.0	42.5
I	GRANT	27,300	28,400	29,000	4.0	6.2
C 3	HIDALGO	5,900	5,900	6,000	0.0	1.7
T	LUNA	18,400	20,900	22,000	13.6	19.6
S	OTERO	51,200	59,300	66,000	15.8	28.9
	SIERRA	9,800	10,100	10,100	3.1	3.1
	SOCORRO	16,700	16,300	17,800	10.9	21.1
	CHAVES	55,400	55,800	56,300	0.7	1.6
	CURRY	42,500	53,200	57,800	25.2	36.0
	DE BACA	2,200	2,200	2,200	0.0	0.0
	EDDY	47,900	48,500	49,400	1.3	3.1
4	GUADALUPE	4,000	4,100	4,100	2.5	2.5
	LEA	56,400	58,100	62,100	3.0	10.1
	LINCOLN	13,300	14,200	15,100	6.8	13.5
	QUAY	11,300	11,600	11,800	2.7	4.4
	ROOSEVELT	16,300	16,900	17,200	3.7	5.5

SOURCE OF PROJECTIONS: Projections of the Population of New Mexico by County, 1980-2010, Tables A1 through A-34: Bureau of Business and Economic Research, Institute for Applied Research Services, University of New Mexico. JUNE 1990.

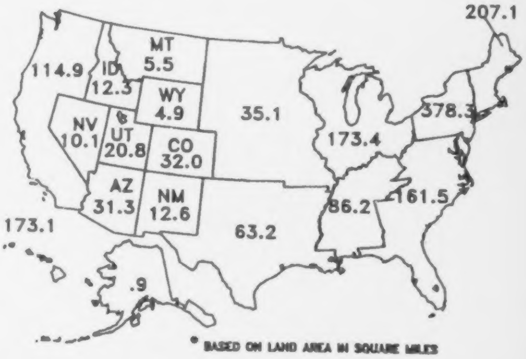
Though the fastest growing division in the nation for 1970-1980, and second fastest for 1980-1989, only 5.4% of the total United States population resides in the Mountain Division of the country (Figure 1.9), resulting in that division being the least densely populated (15.6) in the nation. However, Alaska remains the least densely populated state. New Mexico, in spite of its population growth, has a population density of about 13 persons per square mile. (Figure 1.10).

FIGURE 1.9
UNITED STATES POPULATION
1989 PERCENTAGE DISTRIBUTION
BY DIVISION



1989 Resident Population 248,239,000

FIGURE 1.10
UNITED STATES
PERSONS PER SQUARE MILE*
BY DIVISION
1989

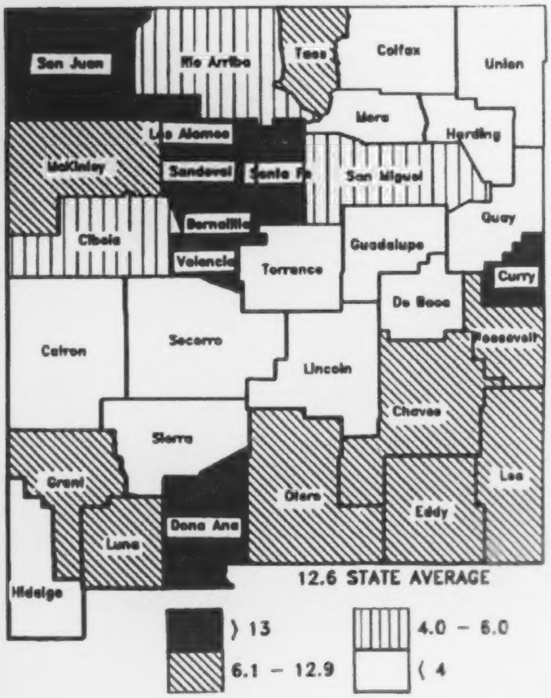


* BASED ON LAND AREA IN SQUARE MILES

New Mexico's county population densities ranged from a high of 432 persons per square mile in Bernalillo County to less than half a person per square mile in Catron County (Figure 1.11).

Only nine of the State's counties exceeded the State overall average population density of 12.6 persons per square mile. Los Alamos was the second most densely populated county, followed by Santa Fe County. About half (17) of the counties have population densities less than half of the overall State figure.

FIGURE 1.11
NEW MEXICO
POPULATION DENSITY BY COUNTY
PERSONS PER SQUARE MILE
1989



Much of the State's population is classified as rural. According to the 1980 Census, in six of the State's counties 100% of the population is classified as rural. In only seven counties is 25% or less of the population classified as rural.

According to the 1980 Census only six New Mexico cities had populations in excess of 30,000. Albuquerque the largest city in the State, had a 1980 population of 331,767 persons, having increased to over 378,480 for 1988; Santa Fe, Las Cruces, Roswell, Farmington and Clovis, made up the remainder of the cities exceeding 30,000 in 1980, with Hobbs joining the group by 1984 and Rio Rancho by 1988. Of the cities listed in Table A-1 in the Appendix, three had populations in the twenty thousands, four in the 10-19 thousands, and twelve cities over five thousand but under ten thousand in population in 1980 (Table A-1 in the Appendix).

Ethnically, New Mexico's population is composed of four major components; non-Hispanic White comprise 52.6% of the State's population, the Hispanic 36.3%, the Indian 8.1% and the Black 1.8% (Table 1.8).

TABLE 1.8
NEW MEXICO
ETHNIC/RACIAL COMPOSITION
1970 CENSUS AND 1980 ESTIMATE

ETHNIC/RACE	PERCENTAGE 1970 CENSUS	 1980 CENSUS
WHITE	90.1	88.9
Non-Hispanic	50.0	52.6
Hispanic	40.1	36.3
BLACK	1.9	1.8
INDIAN	7.2	8.1
OTHER	.8	1.1

*Ethnic breakdown extracted and adjusted from the Census by the New Mexico Tumor Registry.

Examination of the data in Tables 1.8 and 1.9 indicate that the Indian have been the fastest growing of the State's ethnic groups during 1970-80 due to a high rate of natural increase and in 1980 comprised 8.1% of the State's population; the non-Hispanic White were second fastest growing, comprising over 50% of New Mexico's population, though a comparatively low rate of natural increase component of growth is overshadowed by a large in-migration; the Black continued to comprise about 2% of the State's population maintaining this level through natural increase growth; the Hispanic White comprised 36% of the State's population in 1980, a percentage which decreased through the Seventies, for though experiencing a high rate of natural increase, the Hispanic experienced only a 1.9% net inmigration increase (Table 1.9).

TABLE 1.9
NEW MEXICO POPULATION GROWTH CHARACTERISTICS BY ETHNICITY 1970-1980

ETHNIC/RACE	NET POPULATION INCREASE 1970-80 1970-80 %	NATURAL INCREASE BIRTH/ 1 DEATH	 %	NET MIGRATION
ALL RACES	28.1	2.8	14.0	14.2
WHITE	25.6	2.6	12.4	13.2
Non-Hispanic	28.9	1.8	7.5	21.4
Hispanic	21.0	4.2	19.1	1.9
BLACK	24.4	3.7	19.8	4.6
INDIAN	48.0	4.4	30.3	17.7

The Hispanic comprise a portion of all the counties' populations (11%-86%). Five counties have notably high percentages of Indian population, while the counties showing the highest percentages of Black population are mainly those of the southeastern corner of the State (Table 1.10).

The Hispanic, Black, and Indian are young populations. While only 38% of New Mexico's non-Hispanic White population is under 25 years of age, this figure is 53% for the Hispanic, 54% for the Black, and 60% for the Indian population (Table 1.11).

TABLE 1.10
NEW MEXICO
RACIAL DISTRIBUTION BY COUNTY
1980

HEALTH DISTRICTS	COUNTY	WHITE		BLACK	INDIAN	OTHER
		Non-Hispanic	Hispanic			
	NEW MEXICO	52.6%	36.3%	1.8%	8.1%	1.1%
	BERNALILLO	56.9	36.4	2.3	2.7	1.7
	CIBOLA *	35.5	38.7	.6	24.9	.3
	MCKINLEY	20.3	12.5	.6	65.7	.9
1	SANDOVAL	43.9	27.3	.9	27.3	.7
	SAN JUAN	54.6	11.4	.4	33.0	.5
	TORRANCE	57.3	41.0	.2	.5	.9
	VALENCIA *	47.4	48.3	.6	3.4	.3
	COLFAX	51.3	47.3	.4	.5	.5
	HARDING	55.1	44.3	--	.1	.5
	LOS ALAMOS	86.1	11.4	.4	.5	1.5
	MORA	12.9	86.4	.0	.2	.4
2	RIO ARRIBA	14.5	73.3	.1	11.4	.7
	SAN MIGUEL	17.3	81.3	.4	.4	.6
	SANTA FE	40.8	55.0	.5	2.8	.8
	TAOS	23.9	68.8	.2	6.4	.7
	UNION	68.3	31.2	--	.3	.3
	CATRON	69.4	28.3	.4	1.5	.4
	DONA ANA	44.5	51.8	1.7	.8	1.3
	GRANT	47.4	51.2	.5	.5	.4
3	HIDALGO	52.0	47.0	.2	.1	.7
	LUNA	58.3	39.2	1.6	.5	.4
	OTERO	67.0	21.3	4.8	4.8	2.0
	SIERRA	73.9	25.2	.1	.6	.2
	SOCORRO	41.9	46.4	.4	9.9	1.3
	CHAVES	66.1	30.4	2.2	.6	.7
	CURRY	71.6	19.2	6.8	.4	1.9
	DE BACA	68.5	30.9	.0	.1	.4
	EDDY	66.9	30.6	1.8	.3	.4
4	GUADALUPE	16.5	82.4	.1	.2	.7
	LEA	73.1	21.2	4.8	.5	.4
	LINCOLN	72.0	26.5	.5	.6	.5
	QUAY	62.2	35.3	1.3	.4	.8
	ROOSEVELT	75.3	21.4	1.3	.7	1.4

Percentage distribution based upon 1980 census counts.

* 1980 population data available only in a form including both Cibola & Valencia counties; race/ethnicity estimated.

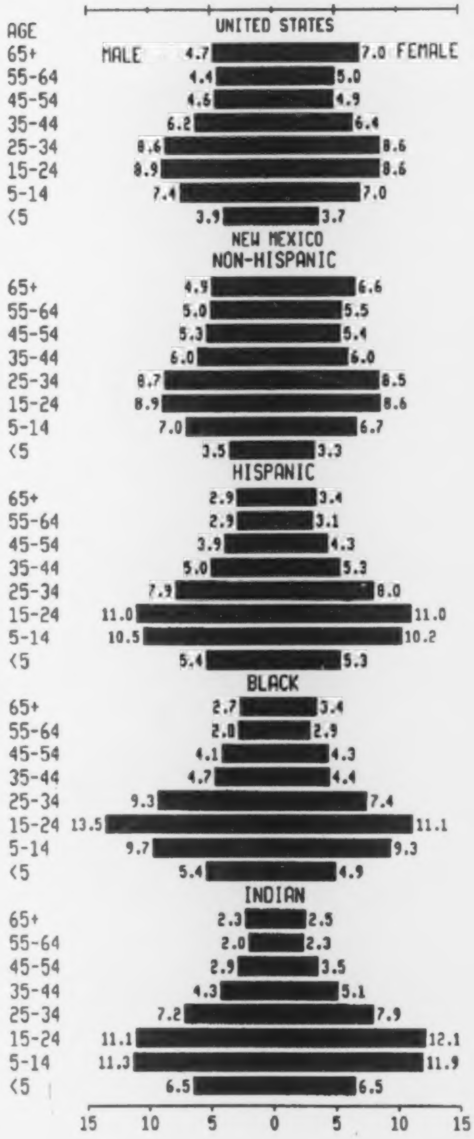
TABLE 1.11
NEW MEXICO
1980 RACE/ETHNIC POPULATIONS
Percentage Distribution by Age Group

AGE	ALL RACES	WHITE		Black	Indian	Other
		Non-Hispanic	Hispanic			
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
< 5	8.8	6.8	10.7	10.4	13.1	10.2
5-14	17.2	13.7	20.6	19.0	23.7	16.6
15-24	19.8	17.5	22.1	24.6	23.2	20.8
25-34	16.6	17.2	15.9	16.7	15.1	23.6
35-44	11.1	12.1	10.2	9.1	9.4	12.0
45-54	9.4	10.7	8.2	8.4	6.4	8.4
55-64	8.2	10.5	6.0	5.8	4.3	4.4
65 +	8.9	11.5	6.3	6.1	4.8	4.0

Percentage distribution by age group for various race/ethnic groups based upon 1980 Census counts with adjustments for Hispanic White breakdown.

In the population pyramids, Figure 1.12, the shift toward a younger age among New Mexico Hispanic, Black and Indian is graphically evident.

FIGURE 1.12
POPULATION DISTRIBUTION BY AGE
NEW MEXICO 1980 CENSUS
UNITED STATES 1983 ESTIMATE



At its 1989 level of 1,531,000 people, New Mexico, the fifth largest state in land area, ranks 37th among the states in total population and is the eighth lowest in population density.

INCOME

In 1989 New Mexico ranks forty-fifth among the states in per capita income. New Mexico's 1989 per capita personal income figure of $13,191 was 25% lower than the national figure of $17,567 (Table 1.12).

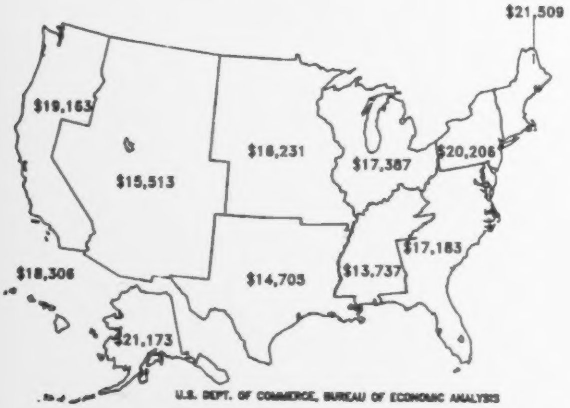
TABLE 1.12
PER CAPITA PERSONAL INCOME
NEW MEXICO AND UNITED STATES
1985 - 1989

YEAR	UNITED STATES	NEW MEXICO	
		INCOME	RANK
1989	$17567	$13191	45
1988	$16491	$12469	45
1987	$15471	$11892	44
1986	$14597	$11434	41
1985	$13896	$11197	40

SOURCE: U.S. Dept. of Commerce

Figure 1.13 gives a general idea of the variation of per capita personal income throughout the nation by division based on 1989 data. Connecticut ranked highest among the states with a per capita income of $24,604 followed by New Jersey, Massachusetts, Alaska, and rounding off the top five - Maryland. The East South Central was lowest of any region; Mississippi was the lowest among the states, with a per capita personal income of $11,835, a level which New Mexico exceeded by 11%.

FIGURE 1.13
PER CAPITA INCOME 1989
BY DIVISION



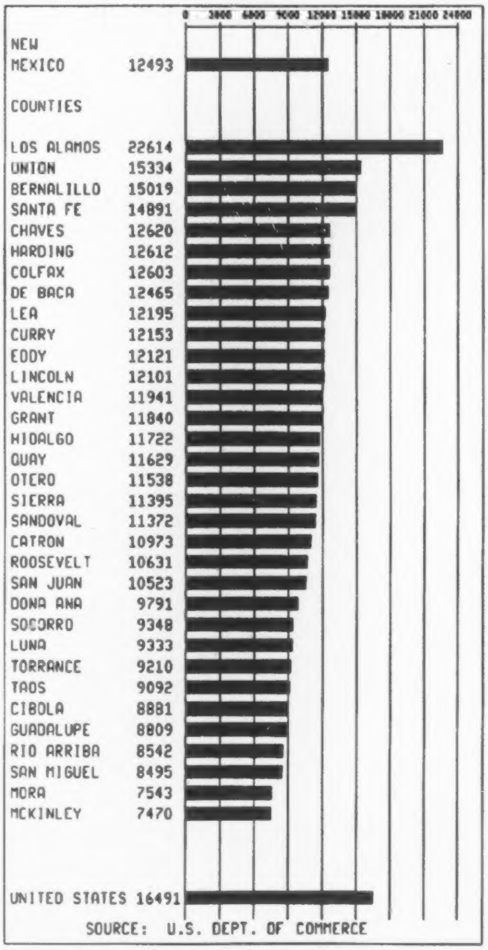
U.S. DEPT. OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS

1988 data shows only one of New Mexico's counties exceeded the national figure for per capita personal income (Figure 1.14). Over three-quarters of the counties registered a per capita personal income figure which was less than 75% of the national figure, and for two counties the figure was less than half that of the nation as a whole for that year.

Los Alamos County had the highest per capita income in the State, which was 37% higher than nationally, 81% higher than the State figure, 51% higher than Bernalillo County (the State's most populous county) which ranked third, and 47% higher than second ranking Union County.

According to the 1980 Census, 17.4% of the people in New Mexico are at or below poverty level compared to the national figure of 12.5%. The percentage of persons in New Mexico at or below the poverty level is 39% greater than nationally (Table 1.13).

FIGURE 1.14
PER CAPITA PERSONAL INCOME
NEW MEXICO 1988
RANKING BY COUNTY



SOURCE: U.S. DEPT. OF COMMERCE

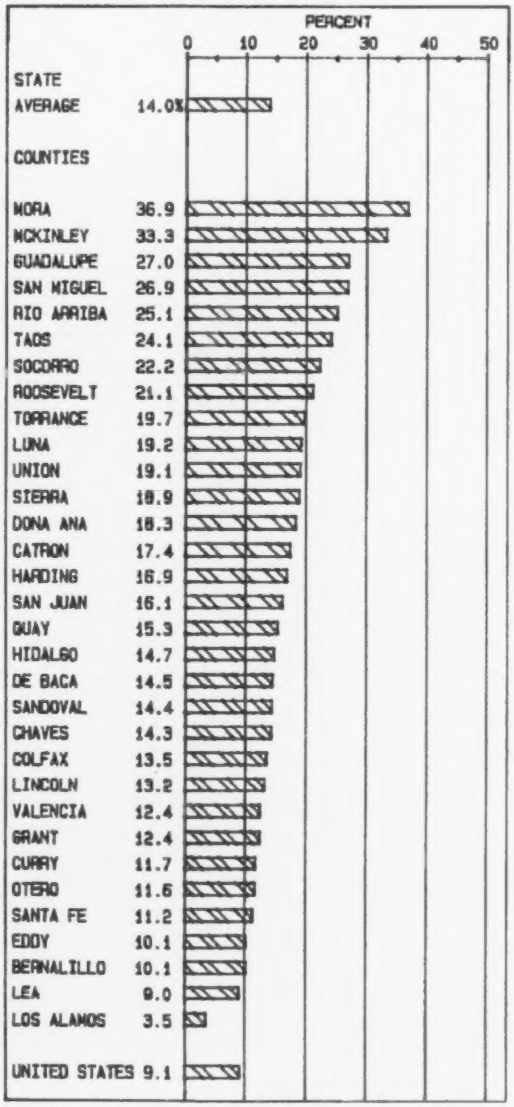
TABLE 1.13
PERCENTAGE OF PERSONS AT OR BELOW POVERTY LEVEL
BY ETHNIC/RACE
NEW MEXICO AND UNITED STATES
1980 CENSUS

ETHNIC/RACE	UNITED STATES	NEW MEXICO
TOTAL POPULATION	12.5%	17.4%
White	9.4	13.3
Spanish Origin	23.8	23.2
All Other	NA	37.5
Black	30.2	29.3
Indian	NA	40.2
Asian & Pacific Islander	13.9	23.7

Table 1.13 further shows the high percentage of persons in New Mexico's various race/ethnic populations who are at or below poverty level. Over 40% of the Indian and nearly 1/4 of the Spanish origin populations in New Mexico are at or below the poverty level.

Data by state for 1980 indicates that New Mexico ranks sixth highest among the states in percentage of families below the poverty level; the highest is Mississippi (19.5%) and the lowest are Nevada and Wyoming (5.9%).

FIGURE 1.15
NEW MEXICO FAMILIES BELOW POVERTY
PERCENTAGE BY COUNTY
RANKING BY COUNTY
1980 CENSUS



All but two of the State's counties exceed the national percent and twenty-one exceed the overall state average for families below poverty level. In two of the counties in New Mexico (McKinley and Guadalupe) the percentage of families below poverty level are triple the national average and in Mora County, the percentage is over four times the national average.

In 1980, 14.0% of the State's families were below poverty level, compared with 9.1% for the United States overall. The five counties which in 1980 displayed the highest percentage of families below the poverty level in New Mexico are Mora, McKinley, Guadalupe, San Miguel and Rio Arriba (Figure 1.15).

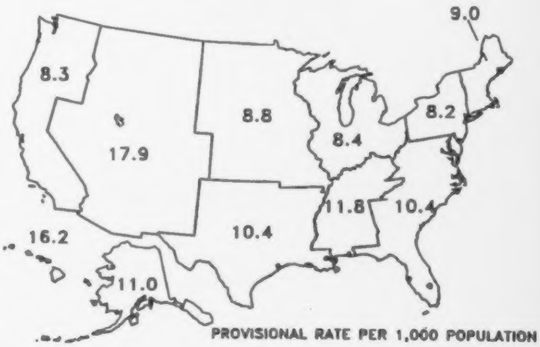
Los Alamos County showed the state's lowest percentage of families below the poverty level in 1980, with the percentage about a third of the national rate. The only other county in the State with a percentage below the national rate was Lea County at 9.0%. Bernalillo County, the State's most populous county showed 10.1% of the families below poverty level.

MARRIAGE AND DIVORCE

Nationally the marriage rate remained steady at 9.7 per 1,000 population from 1988 to 1989. The number of marriages increased slightly between 1988 and 1989, from 2,389,000 to 2,404,000, up by of 1%. The 1988 and 1989 rates were the lowest of twenty-one years, but the actual number of marriages in 1989 was the sixth greatest annual total nationally since 1940.

The Mountain Division reported the highest marriage rate nationally in 1989 (Figure 1.16) due mainly to Nevada's extremely high rate of 106.3 marriages per 1,000 population. All other states had marriage rates between 16.2 (Hawaii) and 7.1 (Pennsylvania).

FIGURE 1.16
UNITED STATES
MARRIAGE RATE
BY DIVISION
1989



National data indicate that remarriages comprise an increasing portion of all marriages. June is still the preferred month for tying the matrimonial knot nationally.

Nationally the divorce rate dropped 2% from 4.8 to 4.7 per 1,000 population from 1988 to 1989; also, the number of divorces decreased by 2% to 1,163,000.

Nevada reported the nation's highest divorce rate (11.9). National data revealed the median duration of marriage prior to divorce to be 7.0 years; the median age at divorce was 32.5 for women and 34.9 for men; 47.8% of divorcing couples had no children under 18 years of age.

There has been a general decline in the rate of both marriage and dissolution of marriage in New Mexico in recent years (Table 1.14). In 1989, the State's marriage rate was 14% lower than nationally, while the divorce rate was 6% higher.

Regrettably there is no centralized reporting of marriage or divorce data in New Mexico; therefore, data is limited and restricted to estimated state totals.

TABLE 1.14
MARRIAGES AND DISSOLUTIONS OF MARRIAGE
Rates per 1,000 Population
NEW MEXICO AND UNITED STATES
1980-1989

YEAR	MARRIAGES		DISSOLUTIONS OF MARRIAGE	
	NEW MEXICO	U.S.	NEW MEXICO	U.S.
1989	8.3	9.7	5.0	4.7
1988	8.6	9.7	5.3	4.8
1987	9.0	9.9	5.7	4.8
1986	9.6	10.0	6.0	4.9
1985	10.1	10.1	6.2	5.0
1984	10.6	10.5	6.5	5.0
1983	12.0	10.5	6.5	4.9
1982	12.8	10.6	7.0	5.0
1981	12.9	10.6	7.7	5.3
1980	13.2	10.6	8.0	5.2

New Mexico data by occurrence
Rates per 1,000 population

SOURCE: NCHS-Monthly Vital Statistics Report

ABORTION

In New Mexico, reporting of legal induced abortion became law in 1977, and 1978 was the first full year of reporting. Statewide, the number of abortions rose sharply from 4,493 in 1978 to its highest level ever of 5,474 in 1981, but by 1986 had dropped back to the 1978 level; the number of abortions increased again in 1987 by 10% to 4928 and in 1988 by 4% to 5126, but remained virtually unchanged in 1989 with 5125.

The abortion ratio has consistently been highest for New Mexico's non-Hispanic White population and lowest for the State's Indian population (Table 1.15).

In 1989, 29.1% of New Mexico resident women obtaining abortions were ages 20-24. The next largest percentage was to women 15-19, followed by women 25-29 years of age (Table 1.16).

76.4% of New Mexico resident women obtaining abortions in 1989 reported a 12th grade education or higher (Table 1.17). The percentage with less than a 12th grade education was highest for Hispanic women in 1989.

The latest national data (1988) shows 1.37 million abortions reported nationally, representing an abortion ratio of 350.8 abortions per 1000 live births. For the State, the abortion ratios in 1988 (190.3) and 1989 (188.0) were slightly more than half the 1988 national figure.

TABLE 1.15
NEW MEXICO RESIDENTS
REPORTED LEGAL INDUCED ABORTIONS
1985-1989
Ratio Per 1,000 Live Births

RACE/ETHNIC	1985	1986	1987	1988	1989
STATE TOTAL					
Abortions	4,651	4,493	4,928	5,126	5,125
Ratio	169.4	164.7	180.9	190.3	188.0
WHITE:					
Abortions	4,298	4,120	4,464	4,625	4,622
Ratio	190.0	182.8	200.3	211.4	210.3
Non-Hispanic					
Abortions	2,608	2,477	2,678	2,751	2,689
Ratio	254.4	242.2	275.8	291.5	297.2
Hispanic					
Abortions	1,690	1,643	1,786	1,874	1,933
Ratio	136.6	133.5	142.0	150.6	149.5
BLACK:					
Abortions	102	99	103	119	110
Ratio	151.1	146.0	146.7	169.5	151.7
INDIAN:					
Abortions	215	231	292	320	320
Ratio	56.5	61.9	75.4	79.2	75.8
OTHER:					
Abortions	36	43	69	62	73
Ratio	103.2	128.7	180.6	196.8	215.3

TABLE 1.16
NEW MEXICO RESIDENTS
REPORTED LEGAL INDUCED ABORTIONS
1987-1989
Percentage Distribution by Age Group by Race/Ethnic

AGE GROUP	YEAR	WHITE NON HISPANIC	WHITE HISPANIC	BLACK	INDIAN	TOTAL
<15	1987	0.4	0.7	1.0	--	0.5
	1988	0.5	0.9	--	--	0.6
	1989	0.6	0.9	1.8	0.6	0.8
15-19	1987	22.5	29.1	24.3	21.6	24.7
	1988	21.8	26.8	28.6	27.8	24.1
	1989	21.3	31.2	28.2	24.1	25.3
20-24	1987	26.8	33.1	35.9	32.9	29.6
	1988	27.4	34.1	36.1	33.1	30.4
	1989	26.6	32.8	36.4	27.2	29.1
25-29	1987	22.7	20.7	27.2	27.1	22.4
	1988	22.7	20.3	13.4	19.4	21.4
	1989	22.5	18.6	20.0	22.8	21.0
30-34	1987	16.2	9.5	6.8	9.6	13.2
	1988	15.5	10.9	14.3	10.0	13.5
	1989	15.3	10.6	6.4	16.3	13.5
35-39	1987	8.3	4.9	4.9	5.8	6.9
	1988	9.2	4.0	5.9	7.8	7.1
	1989	10.5	4.6	5.5	7.2	7.9
>39	1987	2.5	1.6	--	2.4	2.1
	1988	2.5	2.1	0.8	1.3	2.3
	1989	2.8	1.1	--	1.6	2.0
UNK./NS	1987	0.7	0.5	--	0.7	0.6
	1988	0.4	1.0	0.8	0.6	0.6
	1989	0.4	0.2	1.8	0.3	0.3

TABLE 1.17
NEW MEXICO RESIDENTS
REPORTED LEGAL INDUCED ABORTIONS
1987-1989
Percentage Distribution by Level of Education

EDUCATION LEVEL	YEAR	STATE TOTAL	WHITE NON-HISPANIC	WHITE HISPANIC	BLACK	INDIAN	OTHER
< 8	1987	1.5	1.2	2.1	2.9	0.3	4.3
	1988	1.3	0.5	2.5	0.8	0.6	6.5
	1989	1.6	1.0	2.2	2.7	1.3	8.2
9-11	1987	14.0	11.9	17.4	9.7	16.4	7.2
	1988	14.1	11.8	16.6	8.4	21.9	12.9
	1989	15.6	12.3	20.4	7.3	18.1	12.3
12	1987	39.5	33.8	46.6	46.6	47.3	36.2
	1988	41.6	37.8	47.0	46.2	41.9	37.1
	1989	39.6	35.9	45.0	43.6	38.8	30.1
> 12	1987	33.7	40.1	24.2	29.1	32.5	44.9
	1988	34.2	40.0	26.5	27.7	32.5	32.3
	1989	36.8	43.2	26.9	38.2	41.3	42.5
UNKNOWN/NS	1987	11.1	13.1	9.6	11.7	3.4	7.2
	1988	8.8	9.9	7.5	16.8	3.1	11.3
	1989	6.4	7.7	5.5	8.2	0.6	6.8

Nationally women obtaining abortions were most likely to be young, white, single, and of low parity.

Four out of five New Mexico resident women obtaining abortions during 1989 were single at the time of abortion; this percentage represents a 2% increase from 1988 (Table 1.18).

Nationally, in 1988, 79.6% of women obtaining abortions were single, a percentage increase of 1/2% since 1987.

TABLE 1.18
NEW MEXICO RESIDENTS
REPORTED LEGAL INDUCED ABORTIONS
1985-1989
Percentage Distribution by Marital Status

YEAR/ STATUS	ALL RACES	TOTAL WHITE	NON HISPANIC WHITE	HISPANIC WHITE	BLACK	INDIAN	OTHER
1985							
MARRIED	20.1	20.1	22.4	16.6	11.8	17.7	52.8
SINGLE	76.5	76.3	73.6	80.5	87.3	80.0	47.2
UNK./NS	3.4	3.6	4.0	3.0	1.0	2.3	-
1986							
MARRIED	21.4	21.3	23.1	18.6	15.2	19.0	62.8
SINGLE	76.4	76.4	74.3	79.6	84.8	80.1	37.2
UNK./NS	2.2	2.3	2.6	1.8	-	0.9	-
1987							
MARRIED	21.5	21.4	23.2	18.6	19.4	18.5	46.4
SINGLE	77.2	77.2	75.1	80.3	80.6	80.8	53.6
UNK./NS	1.3	1.4	1.7	1.0	-	0.7	-
1988							
MARRIED	20.3	20.0	21.8	17.3	20.2	18.4	51.6
SINGLE	77.6	77.8	75.9	80.6	75.6	80.3	48.4
UNK./NS	2.1	2.2	2.3	2.1	4.2	1.3	-
1989							
MARRIED	19.4	18.7	20.6	15.9	18.2	21.9	56.2
SINGLE	79.3	79.9	77.7	83.1	81.8	78.1	42.5
UNK./NS	1.3	1.4	1.7	1.0	-	-	1.4

63.4% of abortions obtained by New Mexico women in 1989 were first time abortions, an increase of four percent over the previous year. Decreases were seen in the percentages of abortions obtained by women who had had previous abortions: down five percent to 22.2% for those reporting one previous abortion, down four percent to 7.9% for those with two previous abortions and down twelve percent to 4.4% for those with three or more previous abortions. (Table 1.19, next page).

Percentages of first-time abortions increased over the prior year for all race/ethnic groups of women who obtained abortions in 1989; these percentage increases were one percent for non-Hispanic White women, seven percent for Hispanic women, four percent for Black women and three percent for Indian women. (Table 1.19)

TABLE 1.19
NEW MEXICO RESIDENTS REPORTED LEGAL INDUCED ABORTIONS
1985-1989
Percentage Distribution by Previous Induced Abortions

PREVIOUS INDUCED ABORTIONS	STATE TOTAL	TOTAL WHITE	WHITE		BLACK	INDIAN	OTHER
			NON-HISPANIC	HISPANIC			
0							
1985	59.5	59.4	55.5	65.4	64.7	67.0	63.9
1986	63.6	63.3	60.0	68.4	60.6	68.8	65.1
1987	60.1	59.7	56.8	64.2	57.3	68.8	52.2
1988	60.9	60.4	56.3	66.3	65.5	68.4	54.8
1989	63.4	62.9	56.9	71.1	68.2	70.3	61.6
1							
1985	25.4	25.4	27.0	23.0	25.5	26.0	19.4
1986	21.2	21.3	22.6	19.2	19.2	21.2	20.9
1987	21.7	21.7	23.1	19.7	26.2	19.2	26.1
1988	23.4	23.5	24.8	21.6	24.4	22.2	24.2
1989	22.2	22.5	25.8	18.0	16.4	20.0	21.9
2							
1985	7.9	8.1	9.3	6.3	6.9	3.7	5.6
1986	7.2	7.3	8.2	6.0	10.1	3.5	4.7
1987	7.8	7.9	9.4	5.6	7.8	6.2	10.1
1988	8.2	8.4	9.7	6.5	5.9	4.4	14.5
1989	7.9	8.0	9.6	5.9	9.1	5.3	6.8
=> 3							
1985	4.5	4.6	5.5	3.3	1.0	2.8	11.1
1986	4.2	4.3	5.3	2.8	5.1	1.7	7.0
1987	4.3	4.4	5.5	2.7	1.0	2.4	8.7
1988	5.0	5.1	6.5	3.0	4.2	3.8	6.5
1989	4.4	4.6	5.8	2.9	2.7	3.1	4.1
UNKNOWN NS							
1985	2.3	2.4	2.7	2.1	2.0	0.5	-
1986	3.8	3.7	3.8	3.7	5.1	4.8	2.3
1987	6.0	6.2	5.2	7.7	7.8	3.4	2.9
1988	2.4	2.6	2.6	2.6	-	1.3	-
1989	2.0	2.0	1.9	2.1	3.6	1.3	5.5

In 1988, about half (49.6%) of all legal abortions reported nationally were performed in the first eight weeks of gestation and 88.2% were performed in the first twelve weeks of gestation.

In New Mexico for 1989, 55.6% of abortions were obtained in the first eight weeks (Table 1.20) and 86.5% in the first twelve weeks. The percentage of abortions obtained during the first eight weeks increased 7% in 1989 from the prior year.

Over 60% of 1989 abortions obtained by New Mexico resident women age 30 and older were obtained in the first eight weeks. Younger women appear more likely to obtain abortions at a later gestation than do older women.

TABLE 1.20
NEW MEXICO RESIDENT ABORTIONS PERCENTAGE DISTRIBUTION BY AGE GROUP AND GESTATION PERIOD
1985-1989

GESTATION PERIOD	1985	1986	1987	1988	1989
< 9 Weeks:					
All Ages	47.0	42.0	43.2	51.8	55.6
< 15	29.7	56.3	20.8	33.3	53.8
15-19	37.1	31.1	31.4	43.9	45.6
20-24	42.7	36.8	42.4	49.3	54.3
25-29	55.2	49.0	46.4	54.3	60.5
30-34	57.6	53.2	54.8	58.1	61.5
35-39	59.3	57.1	56.8	67.2	65.9
> 39	59.7	58.8	49.5	62.4	69.5
Unknown/NS	50.0	56.7	40.0	61.3	52.9
9-10 Weeks:					
All Ages	27.5	29.4	29.3	24.9	21.3
< 15	29.7	25.0	20.8	33.3	20.5
15-19	30.6	30.9	30.6	27.2	23.8
20-24	28.4	30.8	28.7	24.8	21.9
25-29	24.9	28.2	30.8	24.5	19.5
30-34	25.4	28.2	27.8	24.1	19.6
35-39	23.4	26.1	27.6	21.9	19.5
> 39	23.9	25.0	31.1	17.9	18.1
Unknown/NS	25.0	16.7	10.0	19.4	35.3
11-12 Weeks:					
All Ages	12.8	15.5	14.3	10.6	9.6
< 15	10.8	9.4	29.2	6.7	12.8
15-19	15.0	20.5	18.4	11.8	11.5
20-24	15.8	17.2	14.4	11.6	9.9
25-29	10.2	13.0	13.9	10.7	9.5
30-34	8.5	10.4	10.6	8.8	6.9
35-39	8.8	8.6	7.9	6.0	8.1
> 39	3.0	11.8	7.8	12.0	4.8
Unknown/NS	8.3	10.0	13.3	6.5	5.9
13-15 Weeks:					
All Ages	7.0	8.2	8.0	6.2	6.1
< 15	16.2	3.1	16.7	16.7	5.1
15-19	9.4	11.5	11.8	8.7	8.9
20-24	7.8	8.9	8.8	7.1	7.0
25-29	5.5	6.8	5.5	5.3	4.4
30-34	3.9	5.0	4.3	3.8	4.2
35-39	3.7	4.6	4.1	2.2	2.7
> 39	7.5	2.9	8.7	4.3	2.9
Unknown/NS	4.2	10.0	26.7	-	-
16-20 Weeks:					
All Ages	4.8	3.9	4.4	5.5	5.2
< 15	13.5	3.1	12.5	6.7	7.7
15-19	6.7	5.5	7.4	7.5	8.0
20-24	4.5	5.2	4.5	6.2	4.7
25-29	3.9	2.6	2.7	4.5	4.1
30-34	3.7	1.3	2.6	4.0	4.8
35-39	2.7	2.0	2.6	2.2	2.2
> 39	6.0	-	1.9	2.6	2.9
Unknown/NS	8.3	6.7	6.7	6.5	-
=> 21 Weeks:					
All Ages	0.4	0.3	0.3	0.3	0.4
< 15	-	3.1	-	-	-
15-19	0.4	0.3	0.2	0.6	0.7
20-24	0.5	0.4	0.6	0.3	0.4
25-29	0.1	0.1	0.2	0.2	0.1
30-34	0.7	0.5	-	0.1	0.1
35-39	-	-	-	-	0.2
> 39	-	1.5	-	-	1.0
Unknown/NS	-	-	-	-	-
Unknown Weeks:					
All Ages	0.5	0.6	0.4	0.7	1.9
< 15	-	-	-	3.3	-
15-19	0.8	0.3	0.2	0.5	1.5
20-24	0.3	0.7	0.5	0.8	1.8
25-29	0.2	0.3	0.5	0.6	2.0
30-34	0.2	1.4	-	1.0	2.9
35-39	2.0	1.7	0.9	0.5	1.2
> 39	-	-	1.0	0.9	1.0
Unknown/NS	4.2	-	3.3	6.5	5.9

TABLE 1.21
NEW MEXICO RESIDENTS 1985-1989 REPORTED LEGAL INDUCED ABORTIONS PERCENTAGE DISTRIBUTION BY WEEKS GESTATION/RACE/ETHNIC

ETHNIC/RACE	PERCENTAGE DISTRIBUTION BY WEEKS GESTATION					
	< 9	9-10	11-12	13-15	16-20+	UNKNOWN
1989						
STATE TOTAL	55.6%	21.3%	9.6%	6.1%	5.6%	1.9%
WHITE	57.0	20.9	9.3	5.7	5.2	1.9
Non-Hispanic	60.3	20.6	7.8	4.5	4.6	2.1
Hispanic	52.4	21.3	11.4	7.3	5.9	1.7
BLACK	40.0	33.6	5.5	8.2	12.7	--
INDIAN	38.1	25.3	14.4	10.9	9.4	1.9
OTHER	67.1	12.3	12.3	4.1	2.7	1.4
UNKNOWN	--	--	--	--	--	--
1988						
STATE TOTAL	51.8	24.9	10.6	6.2	5.8	0.7
WHITE	52.9	24.5	10.3	5.9	5.7	0.8
Non-Hispanic	57.9	23.4	8.6	4.7	4.5	0.9
Hispanic	45.7	26.0	12.7	7.6	7.4	0.5
BLACK	40.3	34.5	10.9	6.7	5.9	1.7
INDIAN	37.5	28.1	15.9	10.9	7.5	--
OTHER	64.5	19.4	8.1	4.8	3.2	--
UNKNOWN	--	--	--	--	--	--
1987						
STATE TOTAL	43.2	29.3	14.3	8.0	4.7	0.4
WHITE	44.1	29.2	13.8	7.9	4.6	0.4
Non-Hispanic	46.5	29.0	12.5	7.2	4.3	0.5
Hispanic	40.5	29.6	15.6	8.8	5.1	0.4
BLACK	34.0	27.2	23.3	10.7	4.9	--
INDIAN	31.2	31.5	19.2	10.6	7.5	--
OTHER	52.2	30.4	11.6	4.3	1.4	--
UNKNOWN	--	--	--	--	--	--
1986						
STATE TOTAL	42.0	29.4	15.5	8.2	4.3	0.6
WHITE	42.5	29.8	15.1	7.9	4.1	0.6
Non-Hispanic	45.2	28.9	13.5	7.8	4.1	0.6
Hispanic	38.5	31.2	17.5	8.2	4.1	0.5
BLACK	38.4	27.3	15.2	11.1	7.1	1.0
INDIAN	31.6	24.7	23.4	11.7	6.9	1.7
OTHER	53.5	25.6	11.6	7.0	--	2.3
UNKNOWN	--	--	--	--	--	--
1985						
STATE TOTAL	47.0	27.5	12.8	7.0	5.2	0.5
WHITE	47.8	27.5	12.5	6.9	4.8	0.5
Non-Hispanic	52.3	26.5	10.9	5.9	3.8	0.6
Hispanic	40.8	29.1	15.0	8.4	6.3	0.4
BLACK	37.3	31.4	16.7	7.8	6.9	--
INDIAN	34.4	25.1	17.2	9.3	13.0	0.9
OTHER	63.9	19.4	8.3	5.6	2.8	--
UNKNOWN	--	--	--	--	--	--

TABLE 1.22
NEW MEXICO RESIDENTS REPORTED LEGAL INDUCED ABORTIONS 1985-1989
Percentage by Facility

YEAR	PHYSICIAN'S OFFICE	CLINIC	HOSPITAL
1989	65.2%	34.7%	0.1%
1988	67.5	31.6	0.9
1987	70.6	28.3	1.2
1986	63.0	35.8	1.2
1985	62.4	36.5	1.1

In 1989 60.3% of White non-Hispanic women obtaining abortions did so in the first eight weeks of gestation; in comparison, only 38.1% of Indian women obtaining abortions did so before the ninth week (Table 1.21).

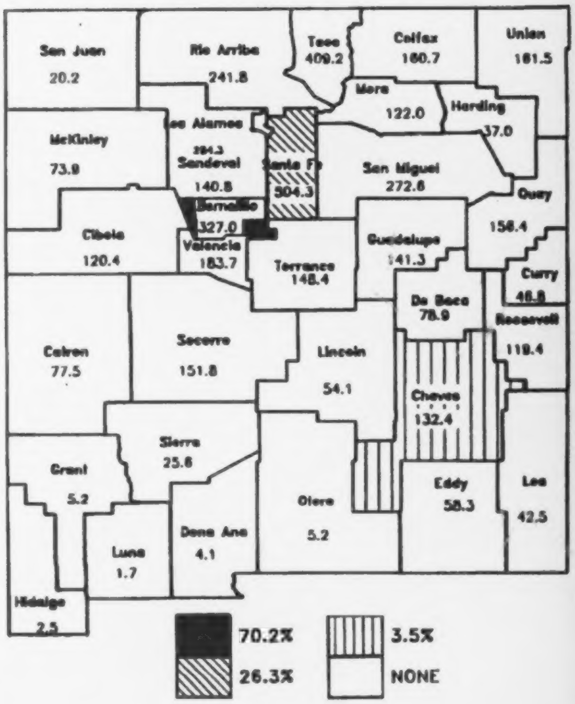
65.2% of New Mexico women obtaining abortions in 1989 did so in a physicians office; though a decrease from the previous year, it is 9% higher than the 1980 level. Hospital facilitiy use has decreased 98% (Table 1.22) since 1980.

Over the four year period 1986-1989, Santa Fe County residents had the highest abortion ratio with one abortion for every two live births. Taos County was second highest (Figure 1.17). Very low abortion ratios for some counties may be indicative of a reporting problem; as residents who go to facilities in other states would not be counted in these data.

Of reported abortions performed in the State in 1989, 70.2% were performed in Bernalillo County and another 26.3% in Santa Fe County (Figure 1.17).

Curettage has been increasingly the most common method of abortion nationally, reported for 97.2% of abortions in 1988. New Mexico 1989 data shows 97.6% reporting curettage as the procedure of termination.

FIGURE 1.17
NEW MEXICO RESIDENTS ABORTION RATIOS 1986-1989 AGGREGATE (Per 1,000 Live Births)
PERCENTAGE BY COUNTY OF OCCURRENCE 1989

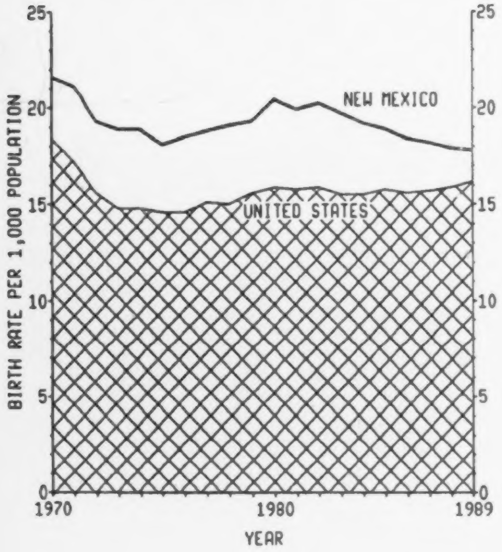

San Juan
20.2
Rio Arriba
241.8
Taos
409.2
Colfax
160.7
Union
181.5
Mora
122.0
Harding
37.0
Los Alamos
284.3
Sandoval
140.8
Santa Fe
504.3
San Miguel
272.8
McKinley
73.9
Bernalillo
327.0
Cibola
120.4
Valencia
183.7
Torrance
148.4
Guadalupe
141.3
Quay
158.4
Curry
46.8
De Baca
78.9
Roosevelt
119.4
Catron
77.5
Socorro
151.8
Lincoln
54.1
Chaves
132.4
Sierra
25.8
Grant
5.2
Otero
5.2
Eddy
58.3
Lea
42.5
Dona Ana
4.1
Luna
1.7
Hidalgo
2.5
70.2%
26.3%
3.5%
NONE

NATALITY

FERTILITY

Until recent years New Mexico's birth rate has closely paralleled that for the United States, though the State's rate has consistently been higher than the national rate (Figure 2.1).

FIGURE 2.1
LIVE BIRTHS PER 1,000 POPULATION
NEW MEXICO RESIDENTS AND UNITED STATES
1970-1989



The State's birth rate reached its third lowest level in 1975, then the birth rate increased annually until reaching 20.4 in 1980, the highest rate since 1971. Since 1980 the rate has decreased to 17.8 in 1989, the State's lowest level ever.

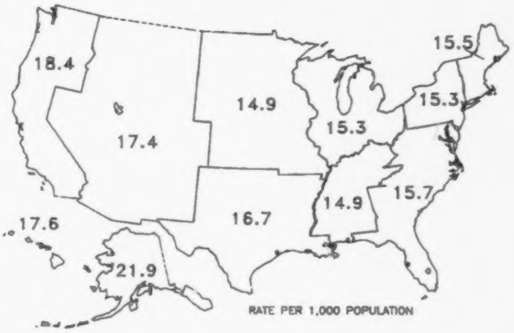
Nationally in the years following 1970 the birth rate fell to all time lows in 1975 and 1976 then increased to 15.9 in 1980 with subsequent years at or slightly below the 1980 rate through 1988, increasing to 16.2 for 1989. In 1989 the New Mexico birth rate exceeded the national rate by 10%.

New Mexico's birth rate for 1989 represents 27,265 births, as the State's birth rate of 17.8 ranked fifth highest among the States. The four highest ranking states were: Alaska (21.9), Utah (21.2), California (19.2) and Arizona (19.0). West Virginia reported the lowest rate (12.4).

The West North Central and East South Central divisions recorded the lowest birth rates nationally in 1989 (Figure 2.2). The birth rate decreased from the prior year for the West North Central, East South Central, Mountain and West South Central divisions and increased for the other divisions. The birth rate increased in 29 states, remained steady in 1 and decreased in 20.

Of the eleven states recording the highest 1989 birth rates, four are in the Mountain Division. The Pacific Division registered the highest rate of any division in the nation (Figure 2.2).

FIGURE 2.2
UNITED STATES
LIVE BIRTH RATES
BY DIVISION
1989 PROVISIONAL



Of New Mexico's 33 counties, 18 showed decreases in birth rate during 1989 while the remainder experienced increases (Table 2.1). The birth rate in 16 of the counties exceeded the national rate by up to 75%.

In 1989 the birth rates ranged from a high of 28.3 births per thousand population in McKinley County to a low of 9.3 in Los Alamos County. Bernalillo County, which accounted for 30% of the State's total births, was lower than the national birth rate by 1%. Five of the other six counties registering a thousand or more births during the year experienced birth rates exceeding the national rate by 22 to 75 percent. Rates by county for several years are listed in Table 2.1 on the following page.

The three counties with the highest rates in the State in 1989 experienced increases in rates from the prior year (McKinley, Cibola and Rio Arriba).

An examination of the State's birth rate by ethnicity and race shows that the decrease in the New Mexico birth rate in 1989 may be attributed to the decreased rate for non-Hispanic Whites (Figure 2.3).

The rate for the non-Hispanic White population in the State dropped by 6% in 1989 to reach a sixteen year low. The birth rate for non-Hispanic Whites has been the lowest of the State's various racial and ethnic groups, and was in 1989 38% lower than the overall State rate and 31% lower than the national rate for all races.

In 1989 the birth rate for Hispanic Whites was more than double that for non-Hispanic Whites in the State and 46% higher than the total U.S. rate. The rate for Hispanic Whites increased by 3% in 1989. The 1988 rate for New Mexico Hispanic Whites was 56% higher than the birth rate for Whites nationally, while the rate for New Mexico non-Hispanic Whites was 20% lower.

TABLE 2.1
NEW MEXICO BIRTH RATES BY COUNTY OF RESIDENCE
1982-1989
(Rates Per 1,000 Population)

		COUNTY	1982	1983	1984	1985	1986	1987	1988	1989
		UNITED STATES	15.9	15.5	15.5	15.8	15.6	15.7	15.9	16.2
		NEW MEXICO	20.2	19.7	19.2	18.9	18.4	18.2	17.9	17.8
		BERNALILLO	17.7	17.2	17.3	17.1	17.0	17.4	16.5	16.1
		CIBOLA	22.3	20.9	20.8	20.8	18.1	23.5	22.9	24.7
		MCKINLEY	28.7	27.5	27.2	27.2	26.2	28.2	27.9	28.3
	1	SANDOVAL	20.2	22.4	25.4	22.2	22.2	21.3	19.7	19.8
		SAN JUAN	27.6	25.0	23.4	24.5	23.1	21.3	21.6	22.2
		TORRANCE	15.9	18.0	16.5	15.8	16.0	15.4	12.4	11.9
		VALENCIA	18.7	17.4	16.9	17.5	17.7	17.5	16.8	16.3
		COLFAX	18.2	18.5	15.9	17.9	14.3	14.5	14.0	13.9
		HARDING	12.0	16.0	11.2	16.0	13.0	17.0	9.0	15.0
H		LOS ALAMOS	11.1	11.1	10.5	11.1	12.2	10.2	9.7	9.3
E		MORA	18.9	17.1	15.9	15.7	13.9	16.2	12.6	12.8
A	2	RIO ARRIBA	21.0	21.5	22.8	23.4	21.9	22.0	21.1	22.7
L		SAN MIGUEL	19.2	20.0	20.2	18.8	18.0	18.0	18.9	17.9
T		SANTA FE	15.6	17.0	17.4	17.1	17.0	15.8	15.9	14.9
H		TAOS	22.9	21.7	21.3	20.9	18.0	13.7	16.3	16.7
		UNION	17.1	15.1	15.6	14.9	13.1	14.5	14.6	12.2
D		CATRON	14.8	13.2	10.8	12.1	15.9	10.7	13.2	11.1
I		DONA ANA	19.3	19.6	20.4	18.1	18.3	18.6	19.1	20.5
S		GRANT	19.3	16.6	17.0	18.9	16.2	16.8	15.4	15.1
T	3	HIDALGO	22.5	22.5	21.3	17.3	17.2	17.5	15.6	17.5
R		LUNA	19.9	17.9	17.5	17.3	15.1	16.9	15.8	15.9
I		OTERO	23.0	24.0	22.0	22.6	23.4	21.0	21.9	20.8
C		SIERRA	10.8	14.4	10.6	10.3	10.8	10.2	11.9	11.3
T		SOCORRO	16.6	19.2	16.5	18.2	16.8	18.5	18.0	16.5
S										
		CHAVES	21.3	20.9	18.1	17.9	17.6	15.9	16.3	17.3
		CURRY	21.6	20.5	22.3	21.0	20.2	20.9	20.6	19.7
		DE BACA	16.7	17.5	16.4	15.0	11.7	12.2	15.0	11.4
		EDDY	22.6	19.4	17.3	16.9	16.7	14.5	15.1	16.1
	4	GUADALUPE	20.2	20.4	17.5	17.7	15.9	15.1	20.2	14.5
		LEA	25.8	24.7	20.8	20.9	18.9	17.1	17.4	16.8
		LINCOLN	20.3	20.0	18.2	17.7	17.9	15.1	12.4	13.5
		QUAY	19.0	15.4	17.2	15.0	14.4	12.8	13.4	12.8
		ROOSEVELT	20.4	17.7	16.0	17.3	17.4	15.8	15.9	17.2

Rates are based on revised population estimates.

The birth rate for the New Mexico Black population, which increased 2% in 1989, was the second highest birth rate of the State's various race/ethnic groups and exceeded the total State rate by 46%. In 1988 the birth rate for New Mexico Blacks exceeded by 14% the rate for Blacks nationally.

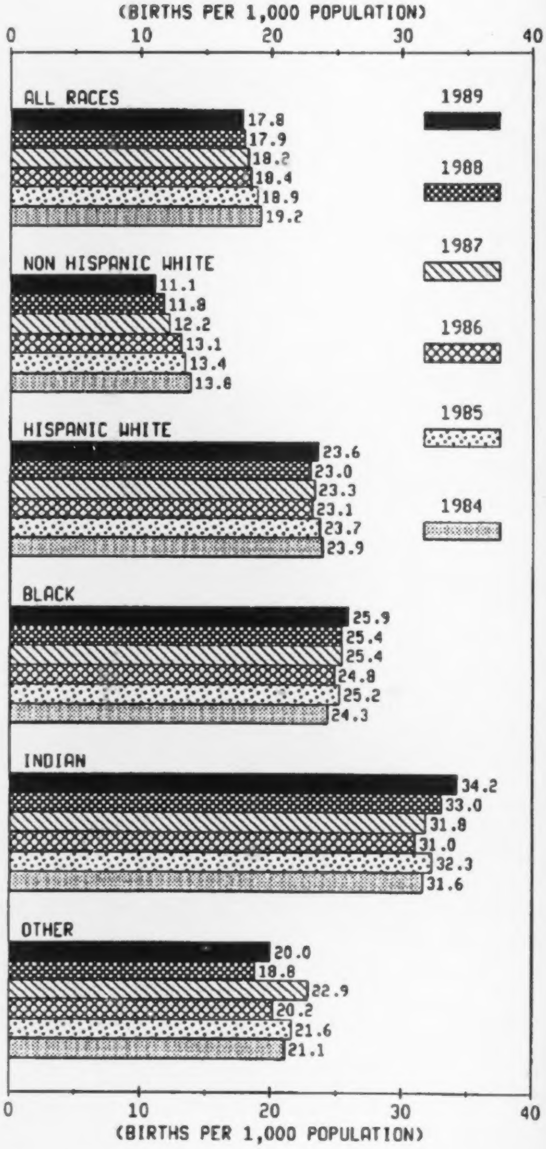
The reported birth rate for Indians has over the years exceeded that of all other race/ethnic populations in the State. The rate in 1989 increased by 4% from the 1988 rate, and was 92% higher than the State rate and more than double the U.S. rate. In 1988 the rate for New Mexico Indians was 47% higher than the birth rate for the "other than white" population nationally.

Birth rates by New Mexico race/ethnic for years 1984 through 1989 are presented in Figure 2.3.

The birth rate for non-Hispanic Whites has decreased steadily since 1982. The rate for Hispanic Whites increased in 1989 to the highest rate since 1985. The 1989 rate for Blacks was highest since 1983.

The Indian birth rate in 1989 increased to 34.2, the highest rate since 1976.

FIGURE 2.3
BIRTH RATE BY RACE/ETHNIC NEW MEXICO RESIDENTS
1984-1989



The measure of the rate of childbearing is the fertility rate. The fertility rate is the number of births per thousand women in the childbearing ages of 15-44. The purpose of using the fertility rate in comparing the fertility of two populations is to eliminate the differences created in the number of births because of differences in the age and sex compositions of the population: this results in a measure of childbearing that uses as denominators standardized populations of those "at risk" (women of childbearing age). In other words, the fertility rate enables us to distinguish whether, in a given population, women are having more babies or whether there were more babies because there were more women of childbearing age.

The fertility rate in New Mexico was 156.6 births per every thousand women ages 15-44 in 1960, 100.8 in 1970, 85.7 in 1980, and dropping further still, was 76.2 in 1989 - a rate of childbearing 51% lower than in 1960.

The rate of childbearing for New Mexico women has over the years exceeded the national rate and was 14% higher in 1988 (Table 2.2).

NATALITY BY AGE OF MOTHER

The age-specific birth rates in Table 2.2 show higher rates of childbearing in New Mexico than nationally for all but the 10-14 age group of mothers, comparing data for 1988.

The highest rate of childbearing for New Mexico and second highest for the nation was in the 20-24 age group. Nationally, the rate was highest for the 25-29 age group, slightly more than the rate for the 20-24 age group.

In the 20-24 age group the State's rate was 19% higher than the national rate and in the 25-29 age group the rate was 6% higher for the state than nationally in 1988.

The rate of childbearing for New Mexico women 30 years of age and older is higher than for women nationally: in 1988, by 3% for ages 30-34, by 8% for 35-39 years of age, and by 30% for the 40-49 age group.

Among New Mexico's teenage women, birth rates were higher than that nationally by 33% for ages 15-17 and by 41% for ages 18-19 in 1988. Compared with 1980, 1988 birth rates among teenage women both nationally and for New Mexico were higher for the 15-17 age group and were lower for the 18-19 age group.

Decreases in the rates of childbearing for the 18-19 and 25-34 age groups were seen Statewide in 1989 and resulted in the fertility rate decreasing slightly.

Of the 27,265 New Mexico resident births during 1989, the largest percentage was to mothers in the 20-24 age group, 29.5%. This percentage was a 2% decrease from the previous year and an 18% decrease since 1980. (Table 2.3). Women in their twenties accounted for 59% of all births in New Mexico during 1989.

The trend toward an increasing percentage of births in the 30 and older age groups is evident both in New Mexico and nationally (Table 2.4 on the following page).

TABLE 2.2
NEW MEXICO RESIDENTS 1960-1989 BY RACE/ETHNIC UNITED STATES 1960-1988 FERTILITY RATES AND BIRTH RATES BY AGE OF MOTHER

UNITED STATES-ALL NEW MEXICO-by Race/Ethnic	FERTILITY RATE a/	BIRTH RATE BY AGE GROUP b/								
		10-14	(15-17)	(18-19)	15-19	20-24	25-29	30-34	35-39	40-49
UNITED STATES										
1989	NOT AVAILABLE AT THIS TIME									
1988	67.2	1.3	(33.8)	(81.7)	53.6	111.5	113.4	73.7	27.9	2.7
1980	68.4	1.1	(32.5)	(82.1)	53.0	115.1	112.9	61.9	19.8	1.9
1970	87.9	1.2	(38.8)	(114.7)	68.3	167.8	145.1	73.3	31.7	4.3
1960	118.0	0.8	(31.5)	(188.5)	89.1	258.1	197.4	112.7	56.2	8.5
NEW MEXICO										
All Races										
1989	76.2	1.1	(47.8)	(112.1)	74.9	138.3	119.6	73.5	30.7	3.5
1988	76.8	1.1	(44.8)	(115.2)	73.3	133.2	120.5	76.1	30.1	3.5
1980	85.7	1.2	(43.9)	(115.9)	72.8	151.8	126.9	72.5	25.0	3.5
1970	100.8	0.6	(37.2)	(165.8)	76.7	201.9	157.7	82.3	41.1	7.0
1960	156.6	0.8	(64.5)	(245.1)	127.3	325.4	222.5	133.2	88.4	13.9
Non-Hispanic White										
1989	48.5	0.4	NOT AVAILABLE		37.0	79.0	81.9	57.2	24.1	2.6
1988	51.6	0.5	*	*	37.9	81.6	87.3	62.7	24.3	2.5
1980	66.8	0.5	*	*	49.8	122.7	109.6	59.2	15.3	1.7
Hispanic White										
1989	99.4	1.6	*	*	104.3	184.6	152.9	83.6	31.5	3.8
1988	97.0	1.2	*	*	99.8	171.1	150.9	83.4	31.5	3.9
1980	101.7	1.3	*	*	89.2	176.4	142.9	84.9	30.6	5.0
Black										
1989	118.2	3.4	*	*	114.1	205.1	165.5	103.8	39.3	4.3
1988	115.9	0.9	*	*	126.6	183.2	180.6	75.7	44.7	2.3
1980	102.3	5.3	*	*	103.6	165.5	131.1	64.6	35.0	1.0
Indian										
1989	142.0	1.8	*	*	109.5	243.9	216.0	141.3	76.4	10.2
1988	137.2	2.8	*	*	107.3	235.3	202.0	142.3	64.0	9.6
1980	126.4	2.7	*	*	101.2	203.1	177.6	115.4	55.2	11.4

a/Total number of births regardless of age of mother, per 1,000 women 15-44.

b/ Rates per 1,000 women in age group. Also referred to as age-specific fertility rates.

New Mexico rates for 1960,1970 and 1980 based on respective census counts. Years 1988 and 1989 are based on total state estimates with the age/sex distributions interpolated from 1985 and 1990 BBER projections. Ethnic distribution for 1988 and 1989 based on 1980 Census.

TABLE 2.3
NEW MEXICO RESIDENT LIVE BIRTHS
Percentage Distribution by Age of Mother
1970, 1980, 1985, 1987-1989

Age of Mother	Percentage Distribution of Birth by Age Group					
	1970	1980	1985	1987	1988	1989
< 15	0.2	0.2	0.2	0.2	0.2	0.2
15-17	5.6	6.5	5.3	5.8	5.6	5.7
18-19	12.8	11.4	10.0	9.2	9.9	9.7
20-24	38.6	35.9	33.7	31.3	30.0	29.5
25-29	24.0	27.6	28.8	29.5	29.0	29.1
30-34	12.6	13.8	15.7	16.7	17.7	17.7
35-39	5.6	3.7	5.5	6.1	6.4	6.8
40-44	1.7	0.8	0.8	1.0	1.1	1.1
> 45	0.1	0.1	0.0	0.1	0.0	0.0
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
(Actual Births)	22,004	26,589	27,449	27,246	26,935	27,265

TABLE 2.4
LIVE BIRTHS
Percentage by Age of Mother
New Mexico Residents 1985-1989
United States 1985-1988

	PERCENTAGE DISTRIBUTION BY AGE GROUPS								
	< 15	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40+
NEW MEXICO									
1989	0.2	15.5	5.7	9.7	29.5	29.1	17.7	6.8	1.2
1988	0.2	15.5	5.6	9.9	30.0	29.0	17.7	6.4	1.1
1987	0.2	15.0	5.8	9.2	31.3	29.5	16.7	6.1	1.1
1986	0.2	15.1	5.6	9.5	32.2	29.2	16.8	5.6	0.9
1985	0.2	15.3	5.4	9.9	33.6	28.8	15.7	5.5	0.8
UNITED STATES									
1988	0.3	12.2	4.5	7.7	27.3	31.7	20.6	6.9	1.0
1987	0.3	12.1	4.5	7.6	28.2	31.9	20.0	6.5	0.9
1986	0.3	12.3	4.5	7.8	29.3	31.9	19.2	6.1	0.8
1985	0.3	12.4	4.5	8.0	30.3	31.9	18.5	5.7	0.8

Nationally, 12.5% of all 1988 births were to teenage women; in New Mexico this percentage was 15.7%, 26% higher than nationally, and remaining steady in 1989. The 1988 percentage of births to the State's non-Hispanic White teenagers was 18% lower than nationally. However, the percent of teenage births to Hispanic Whites was 57% higher than nationally. In the State, among Blacks, the national figure (for all races) was exceeded by 67%, among Indians by 32% (Figure 2.4).

39.8% of 1988 births in the United States were to women younger than 25. In New Mexico just under half of 1988 births (45.7%) and 1989 births (45.3%) were to women in that age group.

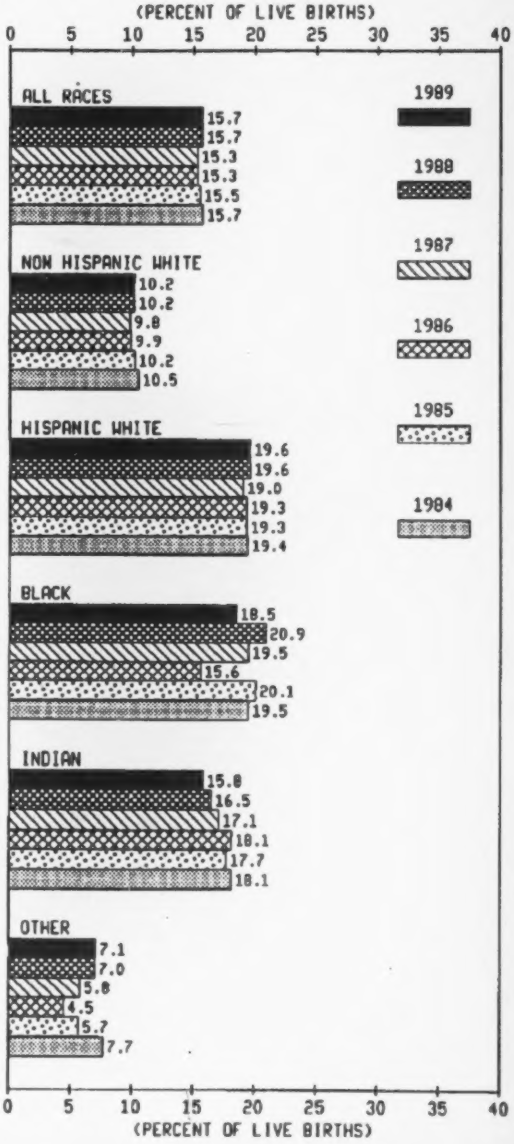
The percentages vary markedly for the State's various ethnic/racial populations. In 1989, 53.7% of all births to New Mexico Black women were to women under 25 years of age. The percentage was 51.9% for Hispanic White women, 47.5% for Indian women and 34.8% for non-Hispanic White women (Table 2.5).

For ages 35 and older, non-Hispanic White women showed the highest percentage of births.

TABLE 2.5
1989
NEW MEXICO RESIDENT LIVE BIRTHS
Percentage Distribution by Age of Mother and Race / Ethnic

	TOTAL	PERCENTAGE DISTRIBUTION BY AGE GROUPS						
RACE/ETHNIC	BIRTHS	<15	15-19	20-24	25-29	30-34	35-39	>40
ALL RACES	27,265	0.2%	15.5%	29.5%	29.1%	17.7%	6.8%	1.2%
WHITE:	21,979	0.2	15.5	29.1	29.4	18.0	6.6	1.1
Non-Hispanic	(9,047)	(0.1)	(10.1)	(24.6)	(31.9)	(22.8)	(9.1)	(1.4)
Hispanic	(12,932)	(0.3)	(19.3)	(32.3)	(27.6)	(16.7)	(4.9)	(0.9)
BLACK	725	0.6	17.9	35.2	26.8	14.1	4.7	0.8
INDIAN	6,222	0.3	15.5	31.7	27.1	16.1	7.7	1.5
ALL OTHER NON-WHITE	339	0.0	7.1	17.4	38.1	26.0	9.1	2.4

FIGURE 2.4
PERCENTAGE OF BIRTHS TO TEENAGE MOTHERS
NEW MEXICO RESIDENTS
1984-1989



The higher than national rate of childbearing among the State's various ethnic/racial groups is evident in Table 2.2 on the previous page. The 1988 fertility rate for Indians was more than double the national rate, for Blacks 72% higher, for Hispanics 44% higher and for non-Hispanic Whites 23% lower than nationally. The fertility rate increased in the State in 1989 for Blacks, Indians and Hispanics but decreased for non-Hispanic Whites.

In 1989 birth rates decreased for all age groups among non-Hispanic Whites; the 10-14 and 30-34 age groups among Indians; the 15-19, 25-29 and 35-39 age groups among Blacks; and the 40-49 age group among Hispanics. Rates remained steady in 1989 for the 35-39 age group among Hispanics. The remaining age groups among Hispanics, Blacks and Indians showed increases.

A percentage distribution of births by age of mother by county is presented in Table A-3 of the Appendix.

Fertility rates and age-specific birth rates vary markedly by county, year and age. These data are presented in Table A-4 of the Appendix.

Table 2.6 compares births by age of mother and father for New Mexico (1989) and the United States (1988). Both nationally and for the State, the highest percentage of births occurred to fathers 25-29 years of age. The percentage of births to New Mexico fathers was higher than nationally for the 15-19 age group and lower for the older age groups up to ages fifty and older.

An important consideration in comparing the percent of births by age of mothers and age of fathers is the high percentage of unknown and unreported ages of fathers (25.3% for New Mexico and 15.0% nationally) versus a negligible percentage of unknown or unreported ages of mothers. Throughout the nation, age of father and other paternal information is often not reported on birth records of babies born to single mothers. In New Mexico, birth certificates of infants born to single mothers, without statements of paternity, contain by law no father information.

TABLE 2.6
PERCENTAGE OF LIVE BIRTHS BY AGE OF MOTHER AND AGE OF FATHER NEW MEXICO RESIDENTS 1989 UNITED STATES 1988

Age of Parent	New Mexico		United States	
	Mother	Father	Mother	Father
< 15	.2	.0	.3	.0
15-19	15.5	3.3	12.2	2.8
20-24	29.5	15.6	27.3	15.8
25-29	29.1	23.9	31.7	27.0
30-34	17.7	18.1	20.6	23.1
35-39	6.8	9.0	6.9	11.0
40-44	1.1	3.4	1.0	3.7
45-49	.0	.9	.0	1.0
50 +	.0	.5	N/A	.5
Unknown	N/A	25.3	N/A	15.0

LIVE BIRTH ORDER

The percentage of first live born to New Mexico women has increased substantially since the Sixties. The trend is graphically presented in Figure 2.5 and the actual percentages are presented in Table 2.7.

Between 1960 and 1980 the percentage of first live born to New Mexico women increased by 70%, from 25% of the total to 43%. The percentage of second order live births increased by 32%, third order live births decreased by 15%, fourth order births decreased by 49%, and fifth and higher order births decreased by 75%. From 1980 to 1989 the percentage of first live born dropped thirteen percent to 37.3% of all live births. The percentages of births of second, third, fourth and fifth and higher order increased 5%, 17%, 23%, and 2%, respectively.

From 1960 to 1989, for women 20-24, the percentage of third order births decreased 23%, fourth order decreased 54% and fifth and higher order decreased 70%, with accompanying increases in first (36%) and second (10%) order births. Women 25-29 account for the State's second highest portion of births, and in this group is noted the decreased percentages of third and higher order births and increases in the percentages of first (167%) and second (77%) order births. For ages 30-39 the percentages of the first and second order births have at least tripled since 1960 (Table 2.7).

FIGURE 2.5
NEW MEXICO RESIDENT LIVE BIRTHS PERCENTAGE DISTRIBUTION BY LIVE BIRTH ORDER 1960, 1970, 1980, 1986-1989

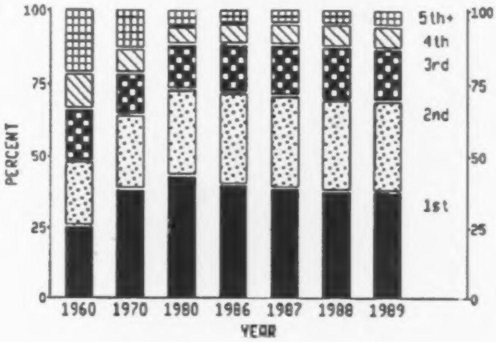


TABLE 2.7
NEW MEXICO RESIDENT LIVE BIRTHS PERCENTAGE DISTRIBUTION BY LIVE BIRTH ORDER BY AGE OF MOTHER 1960, 1970, 1980, 1985-1989

YEAR	NUMBER OF BIRTHS	DISTRIBUTION BY LIVE BIRTH ORDER 1	2	3	4	5+
1989						
TOTAL	27,265	37.3%	31.5%	17.9%	7.6%	5.6%
<15	67	98.5	1.5	--	--	--
15-19	4,216	76.4	19.4	3.7	0.4	--
20-24	8,056	41.1	36.4	16.2	4.7	1.6
25-29	7,929	27.2	35.6	22.6	9.6	5.0
30-34	4,828	21.8	30.8	24.1	12.5	10.9
35-39	1,849	17.4	25.6	23.1	14.5	19.3
40+	320	12.5	20.0	15.3	17.2	35.0
1988						
TOTAL	26,935	37.5%	31.8%	18.0%	7.8%	4.9%
<15	63	100.0	--	--	--	--
15-19	4,177	75.4	20.4	3.6	0.5	0.1
20-24	8,077	41.7	36.4	15.9	4.7	1.4
25-29	7,810	27.9	35.0	22.8	9.9	4.4
30-34	4,772	20.7	32.6	24.4	12.9	9.3
35-39	1,735	18.0	25.4	22.5	15.2	19.0
40+	301	16.9	17.6	21.6	13.6	30.2
1987						
TOTAL	27,246	38.6%	32.3%	17.1%	7.2%	4.9%
<15	66	98.5	1.5	--	--	--
15-19	4,097	77.3	19.2	3.1	0.3	0.1
20-24	8,526	42.7	38.1	14.3	3.7	1.2
25-29	8,028	28.9	35.3	22.4	9.0	4.4
30-34	4,557	21.6	31.5	23.8	13.1	10.1
35-39	1,666	17.5	25.5	22.9	15.1	19.0
40+	306	13.1	23.9	16.7	16.0	30.4
1986						
TOTAL	27,281	39.8%	32.2%	16.3%	7.0%	4.7%
< 15	68	92.6	7.4	--	--	--
15-19	4,109	78.0	18.8	2.8	0.4	0.1
20-24	8,790	44.9	36.1	14.1	3.6	1.3
25-29	7,956	29.2	37.0	21.1	8.5	4.3
30-34	4,579	21.9	31.9	23.0	13.3	9.9
35-39	1,534	18.8	24.3	22.3	15.4	19.2
40+	245	11.8	18.0	16.7	17.6	35.9
1985						
TOTAL	27,449	40.4%	32.1%	16.2%	6.7%	4.6%
< 15	63	100.0	--	--	--	--
15-19	4,194	77.6	19.1	3.1	0.2	0.0
20-24	9,236	45.1	36.9	13.4	3.6	1.0
25-29	7,911	29.5	36.0	21.9	8.5	4.1
30-34	4,298	22.2	31.9	23.1	12.3	10.4
35-39	1,506	18.1	23.5	21.0	16.7	20.7
40+	241	14.9	12.4	17.0	16.2	39.4
1980						
TOTAL	26,589	43.0%	29.9%	15.3%	6.2%	5.5%
< 15	66	95.5	4.5	--	--	--
15-19	4,758	79.0	18.3	2.3	0.4	0.0
20-24	9,541	47.8	35.1	13.2	3.0	0.9
25-29	7,331	30.3	34.3	22.4	8.1	4.9
30-34	3,671	18.2	28.4	23.6	14.9	14.8
35-39	992	13.7	15.1	18.1	17.1	35.9
40+	230	13.0	11.7	7.8	17.4	50.0
1970						
TOTAL	22,004	38.3%	25.8%	14.2%	8.3%	13.4%
< 15	36	96.2	3.8	--	--	--
15-19	4,026	80.9	16.5	2.4	0.1	0.1
20-24	8,486	45.2	35.8	12.6	4.4	2.0
25-29	5,271	18.7	28.2	24.4	14.7	14.0
30-34	2,550	7.5	15.2	20.2	18.2	38.9
35-39	1,234	4.4	7.6	11.4	15.5	61.1
40+	401	0.5	3.6	8.7	10.7	76.4
1960						
TOTAL	30,747	25.3%	22.6%	18.1%	12.2%	21.8%
< 15	44	100.0	--	--	--	--
15-19	4,957	68.5	24.7	5.5	1.0	0.3
20-24	10,833	30.2	33.2	21.0	10.2	5.4
25-29	7,362	10.2	20.1	25.1	19.1	25.5
30-34	4,386	5.6	10.6	17.4	17.3	49.1
35-39	2,459	4.5	6.0	13.0	15.3	61.1
40+	706	4.1	6.2	10.6	5.4	73.7

TABLE 2.8
NEW MEXICO RESIDENTS 1989 UNITED STATES 1988 LIVE BIRTHS PERCENTAGE DISTRIBUTION BY LIVE BIRTH ORDER BY AGE OF MOTHER

AGE OF MOTHER	NUMBER OF BIRTHS	PERCENTAGE DISTRIBUTION BY LIVE BIRTH ORDER				
		1	2	3	4	5+
UNITED STATES - (All Races)						
TOTAL:	XXX	41.0	32.7	16.2	6.1	3.9
< 15	XXX	97.0	2.8	0.1	--	--
15-17	XXX	86.0	12.4	1.4	0.1	--
18-19	XXX	70.9	23.2	5.0	0.8	0.1
(15-19)	XXX	(76.5)	(19.2)	(3.7)	(0.6)	(0.1)
20-24	XXX	47.6	34.1	13.2	3.8	1.3
25-29	XXX	36.3	36.0	18.1	6.4	3.2
30-34	XXX	25.9	35.8	22.4	9.3	6.6
35-39	XXX	20.4	30.2	23.6	12.6	13.2
40 +	XXX	17.1	21.7	20.2	14.0	27.0
NEW MEXICO - (All Races)						
TOTAL:	27,265	37.3	31.5	17.9	7.6	5.6
< 15	67	98.5	1.5	--	--	--
15-17	1,558	87.9	10.9	1.2	--	--
18-19	2,658	69.8	24.3	5.2	0.7	0.1
(15-19)	(4,216)	(76.4)	(19.4)	(3.7)	(0.4)	(--)
20-24	8,056	41.1	36.4	16.2	4.7	1.6
25-29	7,929	27.2	35.6	22.6	9.6	5.0
30-34	4,828	21.8	30.8	24.1	12.5	10.9
35-39	1,849	17.4	25.6	23.1	14.5	19.3
40 +	320	12.5	20.0	15.3	17.2	35.0
NEW MEXICO - (White Non-Hispanic)						
TOTAL:	9,047	41.0	34.2	16.6	5.6	2.7
< 15	9	100.0	--	--	--	--
15-17	266	92.1	7.9	--	--	--
18-19	648	76.5	20.7	2.6	0.2	--
(15-19)	(914)	(81.1)	(17.0)	(1.9)	(0.1)	(--)
20-24	2,226	49.2	35.4	12.1	2.8	0.5
25-29	2,888	34.7	37.5	19.4	6.5	1.9
30-34	2,061	30.2	36.5	20.9	8.1	4.3
35-39	826	26.0	33.4	23.7	8.8	8.0
40 +	123	17.1	34.1	22.0	9.8	17.1
NEW MEXICO - (White Hispanic)						
TOTAL:	12,932	37.8	31.8	18.0	7.6	4.8
< 15	42	100.0	--	--	--	--
15-17	980	86.9	11.5	1.5	--	--
18-19	1,514	68.1	25.4	5.5	0.9	0.1
(15-19)	(2,494)	(75.5)	(20.0)	(3.9)	(0.5)	(0.1)
20-24	4,177	40.0	37.7	16.4	4.4	1.6
25-29	3,574	24.5	37.1	23.6	10.0	4.8
30-34	1,896	17.7	29.6	27.2	14.5	11.0
35-39	631	9.8	23.0	26.6	20.4	20.1
40 +	118	11.9	11.0	12.7	26.3	38.1
NEW MEXICO - (Black)						
TOTAL:	725	35.3	33.1	18.5	8.7	4.4
< 15	4	100.0	--	--	--	--
15-17	50	76.0	20.0	4.0	--	--
18-19	80	53.8	35.0	10.0	1.3	--
(15-19)	(130)	(62.3)	(29.2)	(7.7)	(0.8)	(--)
20-24	255	38.8	35.7	18.0	6.7	0.8
25-29	194	24.2	35.1	22.2	13.9	4.6
30-34	102	15.7	33.3	25.5	14.7	10.8
35-39	34	20.6	20.6	23.5	5.9	29.4
40 +	6	33.3	33.3	16.7	16.7	--
NEW MEXICO - (Indian)						
TOTAL:	4,222	28.4	24.1	20.7	12.2	14.7
< 15	12	91.7	8.3	--	--	--
15-17	251	89.6	9.6	0.8	--	--
18-19	403	67.2	24.8	7.2	0.7	--
(15-19)	(654)	(75.8)	(19.0)	(4.7)	(0.5)	(--)
20-24	1,339	31.5	34.1	22.3	8.3	3.7
25-29	1,144	15.6	26.0	28.0	16.3	14.1
30-34	681	8.5	14.5	25.0	20.7	31.3
35-39	327	8.9	10.7	15.0	19.0	46.5
40 +	65	3.1	6.2	6.2	15.4	69.2
NEW MEXICO - (Other)						
TOTAL:	339	40.1	36.0	16.5	4.4	2.9
< 15	0	--	--	--	--	--
15-17	11	81.8	18.2	--	--	--
18-19	13	100.0	--	--	--	--
(15-19)	(24)	(91.7)	(8.3)	(--)	(--)	(--)
20-24	59	49.2	37.3	8.5	3.4	1.7
25-29	129	43.4	35.7	17.1	1.6	2.3
30-34	88	21.6	43.2	22.7	8.0	4.5
35-39	31	29.0	35.5	22.6	9.7	3.2
40 +	8	12.5	37.5	25.0	12.5	12.5

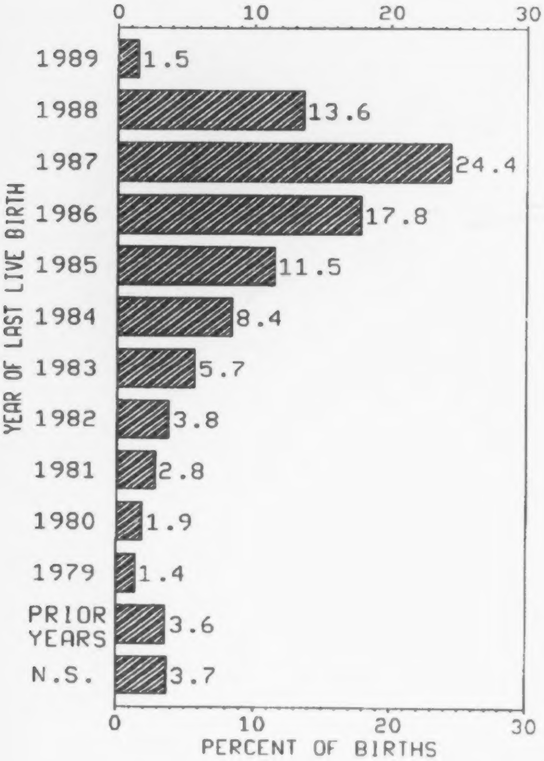
The percentages of first and second order live births to New Mexico women are slightly below corresponding national figures and higher for third and higher order live births. The percentage of first live birth compared to nationally was the same for the State's non-Hispanic Whites but lower for Hispanics (by 8%), for Blacks (by 14%) and Indians (by 31%) (Table 2.8 previous page).

The variations by race and age are notable. For example, the percentage of first order live births to Indian women 25-29 years is less than half the percentage for women 25-29 nationally.

Birth order by county varies widely within the State. A detailed breakdown is presented in Table A-5 of the Appendix for 1989 data.

In 1989, 17,088 of New Mexico's 27,265 live births were single births of second or higher order. Of these births, 1.5% had been preceded by the birth of a sibling that same year; 75.7% were of mothers who had last given birth to a live born infant during the preceding five years (1984-1988) - 24.4% of these births had occurred two years prior in 1987, (Figure 2.6). For 1 out of 27 births of second and higher order, the year of the last previous live birth was not stated.

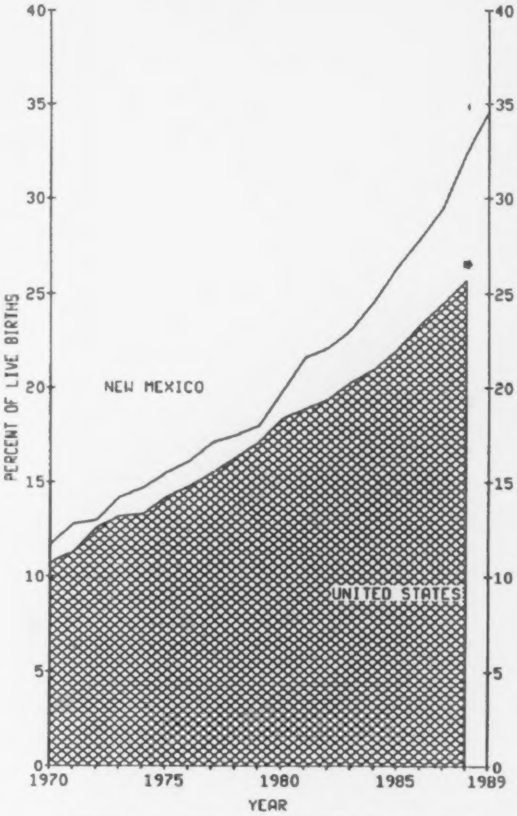
FIGURE 2.6
PERCENT OF LIVE BIRTHS
BY YEAR OF LAST LIVE BIRTH
SECOND ORDER & HIGHER SINGLE BIRTHS
NEW MEXICO RESIDENTS
1989



BIRTHS TO SINGLE MOTHERS

Continuing an upward trend, the percentage of births to single mothers in New Mexico rose to 34.6% in 1989. The percentage of births to single mothers in the State has exceeded the national rate since 1965. The national rate was 25.7% in 1988 (Figure 2.7).

FIGURE 2.7
BIRTHS TO SINGLE MOTHERS
PERCENTAGE OF TOTAL BIRTHS
NEW MEXICO RESIDENTS & UNITED STATES
1970-1989



*(1989 U.S. DATA NOT AVAILABLE AT PRINTING)

In 1989 the percentage of births to single mothers increased over the previous year for all the State's race/ethnic groups, with the greatest percentage increase occurring to non-Hispanic White women. The percentage of births to single women was highest for Indian women (three in five) and second highest for Black women (one in two). For Hispanic White women the figure was three in eight births to single mothers, and for non-Hispanic White women one in five births (Figure 2.8 on the following page).

The percentage of births to single mothers ranged from the highest in McKinley County (60.2%) to the lowest in Los Alamos County (7.1%) in 1989 (Table 2.9). Comparison by county of 1989 data with that for earlier periods generally reflects the overall increasing trend in the State.

TABLE 2.9
NEW MEXICO
BIRTHS TO SINGLE MOTHERS
PERCENTAGE OF TOTAL BIRTHS
BY COUNTY OF RESIDENCE
1984-1989

		COUNTY	1984	1985	1986	1987	1988	1989
		NEW MEXICO	24.6%	26.4%	27.9%	29.5%	32.3%	34.6%
		BERNALILLO	24.5	26.0	27.1	27.3	30.4	32.0
		CIBOLA	36.8	36.4	41.4	42.2	46.7	55.8
		MCKINLEY	47.4	52.0	55.3	57.0	59.2	60.2
	1	SANDOVAL	32.5	28.2	29.1	30.1	30.3	30.7
		SAN JUAN	28.3	28.6	30.8	33.3	38.4	41.3
		TORRANCE	13.2	14.7	20.1	20.3	20.0	27.9
		VALENCIA	19.0	21.3	22.2	[illegible]4.9	28.1	29.5
		COLFAX	22.2	23.8	29.3	[illegible].1	30.5	38.2
		HARDING	9.1	12.5	15.[illegible]	[illegible]1.8	11.1	20.0
H		LOS ALAMOS	5.0	5.9	2.[illegible]	9.7	7.0	7.1
E		MORA	19.7	37.5	35.9	34.2	38.9	36.4
A	2	RIO ARRIBA	31.2	36.5	38.4	40.5	40.8	42.9
L		SAN MIGUEL	33.1	31.3	37.3	42.3	43.6	45.3
T		SANTA FE	23.7	26.6	26.9	28.0	29.4	31.3
H		TAOS	26.4	26.2	29.3	31.0	36.7	33.9
		UNION	26.2	15.8	22.4	22.5	35.8	34.5
D		CATRON	3.3	8.8	4.7	16.1	21.6	22.6
I		DONA ANA	19.6	23.8	25.2	25.9	28.5	30.1
S		GRANT	22.8	24.1	22.3	30.5	26.7	29.8
T		HIDALGO	21.3	26.2	27.6	24.3	21.7	36.9
R	3	LUNA	24.4	26.8	29.1	35.9	30.4	39.4
I		OTERO	17.4	15.3	16.9	16.9	21.7	23.3
C		SIERRA	24.2	18.4	26.9	25.0	28.7	27.9
T		SOCORRO	21.3	20.6	28.9	29.7	28.0	40.5
S								
		CHAVES	20.4	24.0	26.6	27.8	28.6	35.0
		CURRY	16.9	20.6	18.1	21.8	21.1	26.1
		DE BACA	28.9	16.7	21.4	14.3	18.2	32.0
		EDDY	18.4	20.5	21.1	27.4	30.6	30.4
	4	GUADALUPE	33.3	30.8	37.1	27.7	50.6	43.1
		LEA	14.5	16.5	17.6	20.8	26.1	29.4
		LINCOLN	14.6	17.1	17.6	19.0	28.3	23.9
		QUAY	22.4	33.0	26.3	25.5	28.1	26.2
		ROOSEVELT	18.7	17.8	22.6	20.1	22.6	30.4

As shown in Figure 2.9, it is for women 19 and younger that the highest percentages of births to single mothers are noted. Percentages were lowest for women in the 30-34 and 35 and older age groups.

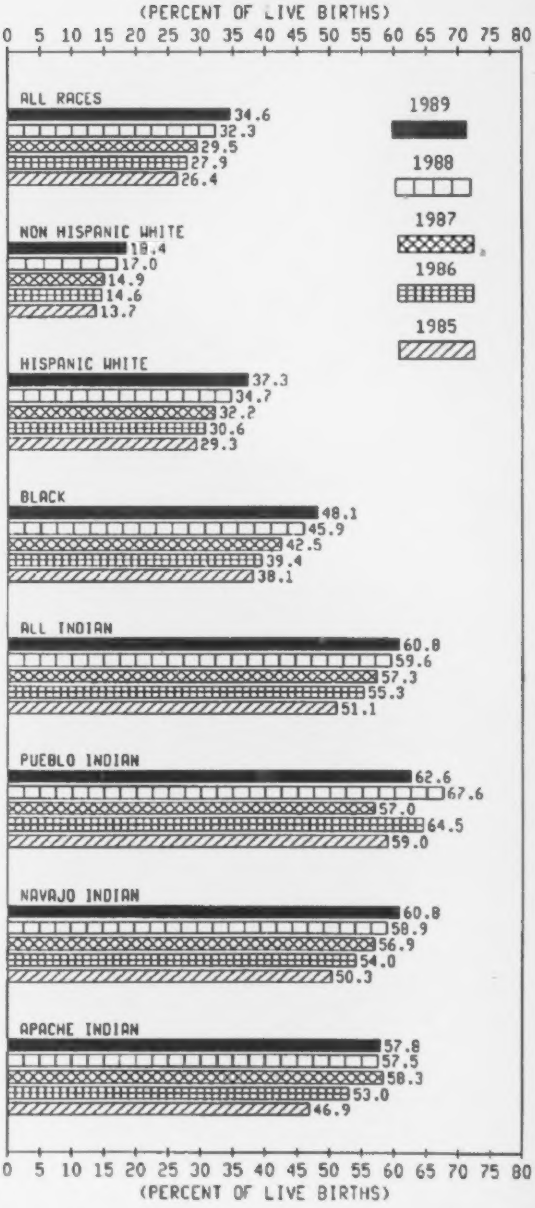
The percentage of births to single mothers decreased for ages 14 and younger but increased in 1989 over the previous year for all other age groups of women in the State (Figure 2.9).

Among the State's four largest race/ethnic categories the 1989 percentage of births to single mothers was lowest for the State's non-Hispanic White women in all age groups 15 and older, reaching a minimum for the 30-34 age group (Table 2.10). 94.0% of births in the 14 and younger age group were to single mothers.

In 1989 for Blacks and Hispanic Whites the 30-34 and age group had the lowest percentage of births to single mothers; the lowest percentage for Indians was in the 40 and older age group.

The highest percentage of births to single mothers for ages 39 and younger, most notably for ages 15-19, occurred to Indian women.

FIGURE 2.8
BIRTHS TO SINGLE MOTHERS
PERCENTAGE BY ETHNIC / RACE
NEW MEXICO RESIDENTS
1985-1989



Overall the percentage of births to single mothers in New Mexico was 26% higher than nationally in 1988. New Mexico had higher than national percentages of births to single mothers in all age groups, particularly for ages 25-39, with the 30-34 age group showing the widest gap (Table 2.11).

FIGURE 2.9
BIRTHS TO SINGLE MOTHERS PERCENTAGE BY AGE GROUP, BY YEAR NEW MEXICO RESIDENTS 1980-1989

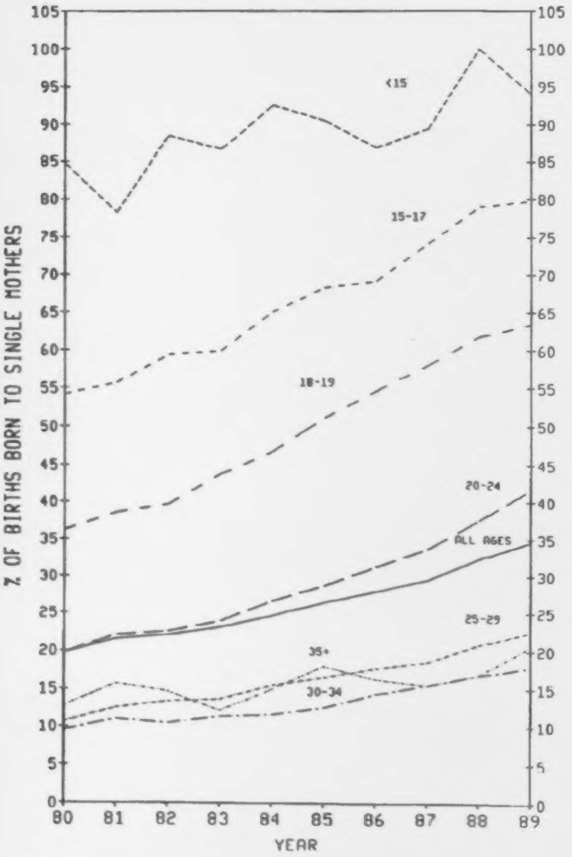


TABLE 2.10
NEW MEXICO BIRTHS TO SINGLE MOTHERS, 1989 PERCENTAGE BY AGE OF MOTHER & ETHNIC / RACE

ETHNIC/RACE	ALL AGES	PERCENTAGE BY AGE OF MOTHER < 15	15-19	20-24	25-29	30-34	35-39	40+
ALL RACES	34.6	94.0	69.5	41.6	22.6	17.8	20.0	24.4
WHITE:	29.5	92.2	65.5	35.4	17.4	13.5	16.0	21.2
Non-Hispanic	18.4	100.0	54.7	25.1	11.3	8.2	9.9	15.4
Hispanic	37.3	90.5	69.4	40.8	22.4	19.3	23.9	27.1
BLACK:	48.1	100.0	77.7	58.4	29.4	23.5	32.4	50.0
INDIAN:	60.8	100.0	88.7	69.5	52.3	43.6	37.9	36.9
Pueblo	62.6	100.0	84.3	75.5	48.1	40.6	50.0	25.0
Navajo	60.8	100.0	90.4	69.4	53.9	45.6	36.1	39.6
Apache	57.8	---	82.2	58.0	55.3	28.6	25.0	0.0
Other	34.9	100.0	72.7	36.1	26.0	20.0	21.4	50.0
OTHER NON-WHITE	10.6	---	70.8	13.6	4.6	3.4	6.5	0.0

TABLE 2.11
BIRTHS TO SINGLE MOTHERS
Percentage by Age of Mother
NEW MEXICO RESIDENTS 1985-1989 UNITED STATES 1985-1988 ESTIMATES

	PERCENTAGE BY AGE OF MOTHER											
	< 15	15-19						20-24	25-29	30-34	35-39	40+
		TOTAL	15	16	17	18	19					
NEW MEXICO												
1989	94.0	69.5	87.2	81.1	77.0	68.5	59.6	41.6	22.5	17.8	20.0	24.4
1988	100.0	68.1	89.5	81.3	75.4	66.1	58.2	37.5	20.8	16.7	16.5	18.3
1987	89.4	64.2	82.6	76.7	70.2	62.3	54.4	33.6	18.5	15.4	15.6	14.4
1986	86.8	60.0	80.1	74.9	62.1	58.6	51.4	31.2	17.6	14.3	15.7	19.2
1985	90.5	57.1	80.6	70.9	64.0	57.1	45.8	28.7	16.5	12.6	17.4	21.2
UNITED STATES												
1988	93.6	65.3	87.7	80.0	72.6	64.2	53.9	32.9	15.8	11.8	12.8	15.6
1987	92.9	63.6	86.7	79.0	70.7	61.5	51.7	30.8	14.7	11.1	12.2	15.2
1986	92.5	60.8	85.7	76.8	67.4	59.1	49.4	28.7	13.8	10.4	11.7	14.8
1985	91.8	58.0	83.7	74.1	65.4	56.3	46.5	26.3	12.7	9.7	11.2	14.0

Percentages of births to single mothers by age group are presented in Table 2.12 for the State's counties. Over two-thirds of all births to women 20-24 years old in McKinley County were to single mothers.

TABLE 2.12
NEW MEXICO BIRTHS TO SINGLE MOTHERS
Percentage by County & Age
1989

HEALTH DISTRICTS	COUNTY	TOTAL	PERCENTAGE BY AGE GROUP <15	15-19	20-24	25-29	30-34	35-39	40+
	NEW MEXICO	34.6%	94.0%	69.5%	41.6%	22.6%	17.8%	20.0%	24.4%
	BERNALILLO	32.0	95.8	73.0	42.0	20.1	14.2	18.1	18.7
	CIBOLA	55.8	100.0	74.8	62.1	46.0	29.7	47.5	42.9
	MCKINLEY	60.2	100.0	90.4	71.3	50.9	42.1	30.4	43.3
1	SANDOVAL	30.7	100.0	77.7	47.2	19.4	15.3	17.8	26.7
	SAN JUAN	41.3	100.0	72.5	50.0	27.9	29.1	25.8	16.1
	TORRANCE	27.9	100.0	54.2	40.0	15.2	3.7	33.3	0.0
	VALENCIA	29.5	100.0	61.8	33.3	15.9	14.4	23.9	11.1
	COLFAX	38.2	--	81.1	50.0	15.4	6.5	40.0	0.0
	HARDING	20.0	--	100.0	25.0	0.0	25.0	--	--
	LOS ALAMOS	7.1	--	33.3	24.0	5.1	0.0	3.4	50.0
	MORA	36.4	--	77.8	46.2	28.6	12.5	0.0	--
2	RIO ARRIBA	42.9	100.0	73.7	48.2	30.4	27.6	23.7	42.9
	SAN MIGUEL	45.3	100.0	90.0	69.3	32.8	22.4	31.0	41.7
	SANTA FE	31.3	--	74.3	63.1	19.1	13.9	17.8	12.5
	TAOS	33.9	100.0	65.0	43.6	24.2	22.8	16.7	11.1
	UNION	34.5	--	63.6	35.3	12.5	33.3	100.0	--
	CATRON	22.6	--	0.0	20.0	36.4	16.7	0.0	0.0
	DONA ANA	30.1	80.0	66.9	34.7	17.8	15.3	17.5	24.1
	GRANT	29.8	100.0	60.0	31.4	17.0	10.2	13.3	20.0
3	HIDALGO	36.9	--	61.1	52.9	20.7	5.6	50.0	--
	LUNA	39.4	100.0	61.9	42.0	27.3	17.6	9.1	66.7
	OTERO	23.3	100.0	60.0	21.7	15.1	11.7	15.0	25.0
	SIERRA	27.9	--	62.5	29.4	9.7	18.8	0.0	--
	SOCORRO	40.5	0.0	75.8	35.7	28.0	15.4	8.3	66.7
	CHAVES	35.0	100.0	59.0	36.8	26.3	16.5	11.9	33.3
	CURRY	26.1	100.0	55.6	23.0	16.8	16.3	13.3	14.3
	DE BACA	32.0	100.0	83.3	12.5	0.0	0.0	50.0	--
	EDDY	30.4	--	59.4	35.5	13.9	16.3	16.3	33.3
4	GUADALUPE	43.1	--	91.7	60.0	21.4	10.0	0.0	100.0
	LEA	29.4	100.0	53.0	34.2	15.8	9.2	19.4	33.3
	LINCOLN	23.9	--	58.1	22.9	12.5	16.7	20.0	0.0
	QUAY	26.2	--	50.0	33.3	7.0	15.8	20.0	--
	ROOSEVELT	30.4	--	59.6	29.6	21.1	11.4	15.4	100.0

-- No births in this age group.
0.0 No births to single mothers.

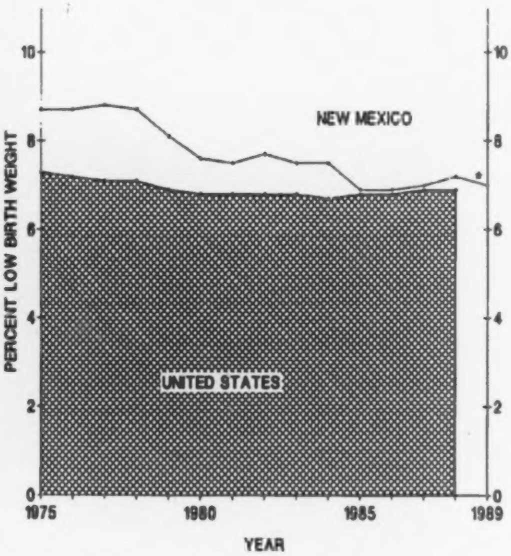
LOW BIRTH WEIGHT

In 1961, the Expert Committee on Maternal and Child Health of the World Health Organization urged that the term "Low Birth Weight" be used for infants weighing 2500 grams or less (5 1/2 pounds or less) at birth. In 1980 New Mexico adopted the slightly revised definition established in the Ninth Revision of the International Classification of Diseases, in which low birth weight is defined as less than 2500 grams.

Numerous studies indicate that low birth weight is a risk factor in growth and development. The low birth weight newborn is subject to a relatively high risk of early death, along with an increased vulnerability to neurological damage.

As shown in Figure 2.10, the incidence of low birth weight babies in New Mexico has dropped sharply; in 1985 and 1986 the incidence was 6.9%. However, the incidence of low birth weight in New Mexico increased in 1987 to 7.0% and again in 1988, to 7.2% compared to the national figure of 6.9%, before dropping in 1989 to 6.9%.

FIGURE 2.10
PERCENTAGE LOW BIRTH WEIGHT NEW MEXICO RESIDENTS & UNITED STATES 1975-1989



* 1989 U.S. data not available at printing

The incidence of low birth weight was lowest for mothers in the 25 to 29 age group nationally and in New Mexico. Higher than national rates are noted in New Mexico for women in the 25 and older age groups (Figure 2.11).

The incidence of low birth weight by county and age of mother based on a 1987-1989 aggregate is presented in Table 2.13.

FIGURE 2.11
LOW BIRTH WEIGHT BY MOTHER'S AGE NEW MEXICO 1987-1989 AGGREGATE UNITED STATES 1988

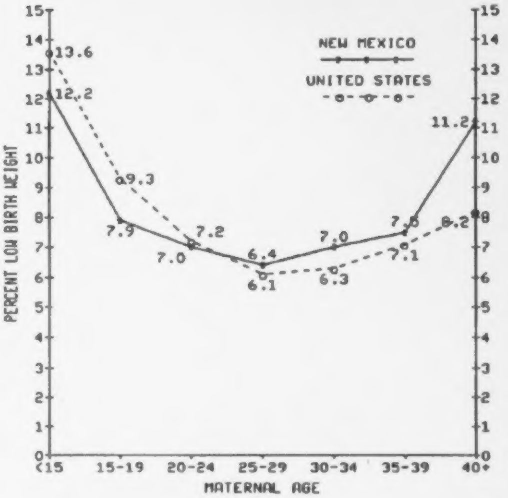


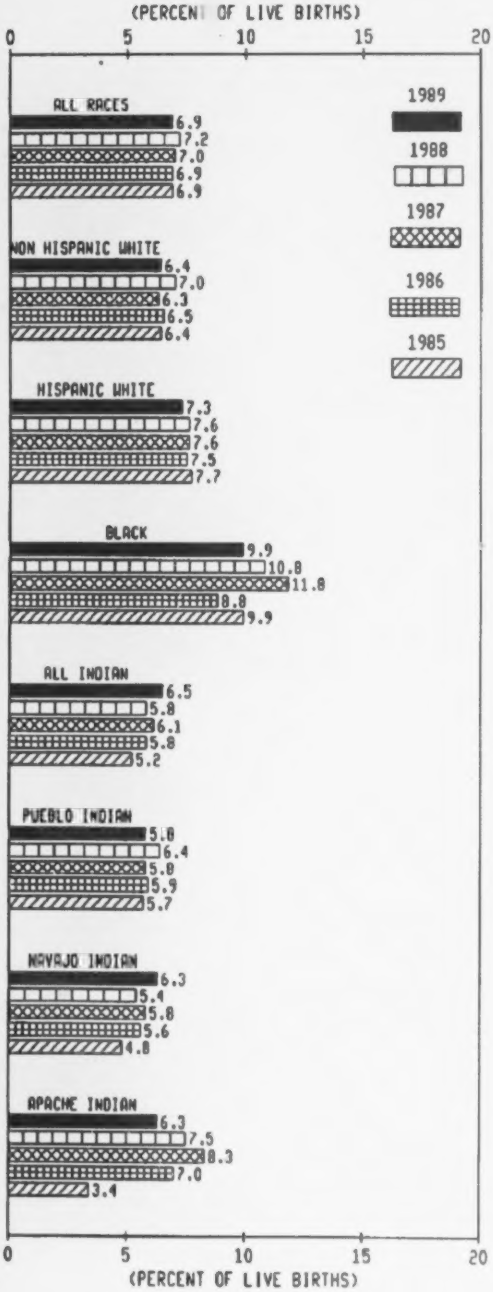
TABLE 2.13
NEW MEXICO RESIDENTS
PERCENT LOW BIRTH WEIGHT BY COUNTY
(By Age of Mother)
1987-1989 AGGREGATE

			ALL	PERCENTAGE BY AGE GROUP						
		COUNTY	AGES	<15	15-19	20-24	25-29	30-34	35-39	40+
		NEW MEXICO	7.0%	12.2%	7.9%	7.0%	6.4%	7.0%	7.5%	11.2%
		BERNALILLO	7.6	9.5	8.5	7.7	7.2	7.7	7.1	8.7
		CIBOLA	7.5	0.0	10.2	6.7	5.9	6.5	14.0	0.0
	1	MCKINLEY	7.1	18.8	7.5	6.0	6.1	8.4	8.9	15.4
		SANDOVAL	6.2	0.0	4.2	6.2	6.4	5.9	7.1	11.9
		SAN JUAN	5.7	7.7	7.6	5.5	4.6	6.2	4.8	8.8
		TORRANCE	6.0	0.0	5.1	5.2	4.1	11.0	4.2	14.3
		VALENCIA	7.2	0.0	10.0	7.1	7.8	4.4	7.0	8.7
H		COLFAX	7.6	0.0	8.8	8.0	7.7	3.4	7.5	28.6
E		HARDING	7.3	--	0.0	9.1	14.3	0.0	0.0	0.0
A		LOS ALAMOS	6.2	--	10.5	5.9	5.6	6.3	6.6	9.1
L		MORA	11.0	0.0	21.9	7.7	11.1	7.7	7.7	0.0
T	2	RIO ARRIBA	8.3	0.0	9.5	7.4	9.2	7.2	7.8	11.1
H		SAN MIGUEL	10.4	33.3	12.4	10.2	10.6	7.3	11.3	12.0
		SANTA FE	7.5	66.7	8.2	8.4	6.2	8.1	6.4	11.2
		TAOS	6.7	0.0	8.2	8.2	5.2	5.1	6.4	18.8
D		UNION	6.2	--	2.5	8.5	5.2	0.0	42.9	0.0
I										
S		CATRON	6.1	--	0.0	3.0	7.7	15.8	0.0	0.0
T		DONA ANA	6.0	7.1	6.8	5.7	5.3	6.0	6.8	15.0
R		GRANT	7.8	25.0	6.5	6.6	8.3	9.1	10.5	13.6
I	3	HIDALGO	5.3	--	11.1	4.3	2.8	2.9	18.2	0.0
C		LUNA	6.6	14.3	5.7	4.5	9.3	4.3	10.3	25.0
T		OTERO	6.9	12.5	7.1	6.5	6.0	7.5	10.8	23.1
S		SIERRA	6.4	--	4.7	9.3	2.4	3.6	20.0	100.0
		SOCORRO	5.2	16.7	4.3	6.7	4.8	3.6	6.4	0.0
		CHAVES	6.2	14.3	6.7	6.4	4.6	7.4	7.5	7.4
		CURRY	5.9	25.0	7.3	6.0	5.3	3.5	9.5	6.7
		DE BACA	11.6	100.0	20.0	13.3	4.8	7.1	0.0	--
		EDDY	6.6	20.0	5.9	6.9	5.5	8.2	8.8	16.7
	4	GUADALUPE	5.3	--	2.1	6.9	3.8	11.1	0.0	0.0
		LEA	8.7	40.0	10.8	9.2	6.9	7.2	11.0	10.5
		LINCOLN	6.5	--	10.0	6.0	5.5	6.6	5.0	11.1
		QUAY	5.6	0.0	4.9	6.7	5.1	5.6	4.8	0.0
		ROOSEVELT	5.6	0.0	6.4	6.1	5.6	4.3	0.0	0.0

-- No Births in This Age Group
0.0 No Low Birth Weight

The change in the incidence of low birth weight in the State by race and ethnicity is graphically presented in Figure 2.12 for the years 1985 through 1989.

FIGURE 2.12
LOW BIRTH WEIGHT BY ETHNIC/RACE
NEW MEXICO RESIDENTS
1985-1989



The incidence of low birth weight is higher for female infants than for male infants in the State, and is highest among Blacks for both sexes (Table 4.14).

TABLE 2.14
NEW MEXICO RESIDENTS
Percentage Low Birth Weight By Race/Ethnic and Sex
1987-1989

RACE/ETHNIC	MALE			FEMALE			TOTAL		
	1987	1988	1989	1987	1988	1989	1987	1988	1989
ALL RACES	6.1%	6.7%	6.1	8.0%	7.7%	7.8	7.0%	7.2%	6.9%
WHITE:	6.0	6.7	6.0	8.1	7.9	7.9	7.0	7.3	6.9
Non-Hispanic	5.5	6.7	5.3	7.2	7.3	7.5	6.3	7.0	6.4
Hispanic	6.4	6.8	6.5	8.7	8.4	8.2	7.6	7.6	7.3
BLACK:	11.1	9.9	9.6	12.6	11.8	10.6	11.8	10.8	9.9
INDIAN:	5.5	5.4	6.1	6.7	6.1	6.8	6.1	5.8	6.5
Pueblo	5.3	5.1	5.3	6.5	7.8	6.8	5.8	6.4	6.0
Navajo	5.4	5.2	6.2	6.2	5.7	6.4	5.8	5.4	6.3
Apache	6.0	10.7	6.1	10.6	4.1	6.4	8.3	7.5	6.3
All Other	9.0	4.5	9.0	12.5	9.0	14.0	10.8	6.7	11.4
OTHER NON-WHITE	6.2	8.9	8.3	9.5	5.7	7.6	7.9	7.3	8.0

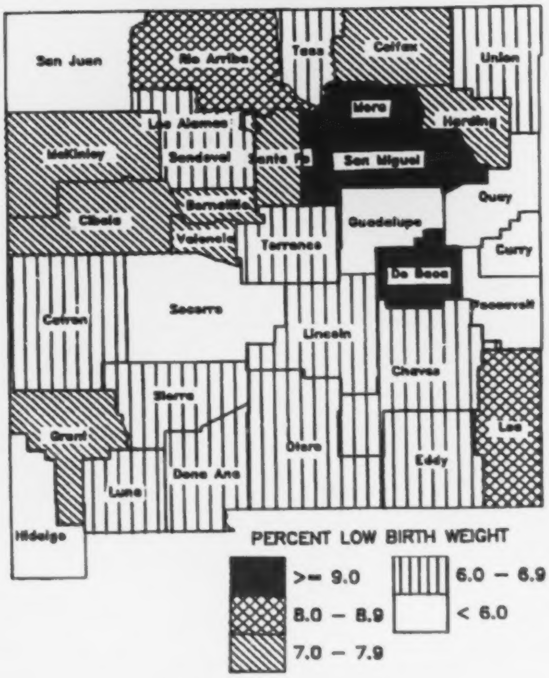
The incidence of low birth weight by county from 1984 through 1989 is shown below in Table 2.15. Rates in counties with small numbers of births often fluctuate from year to year, most likely as a result of random changes.

TABLE 2.15
NEW MEXICO
PERCENT LOW BIRTH WEIGHT BY COUNTY OF RESIDENCE
1984-1989

HEALTH DISTRICTS	COUNTY	1984	1985	1986	1987	1988	1989
	NEW MEXICO	7.5%	6.9%	6.9%	7.0%	7.2%	6.9%
	BERNALILLO	7.7	7.6	7.3	7.5	7.8	7.6
	CIBOLA	9.4	6.3	7.1	8.3	7.3	6.9
	MCKINLEY	6.9	6.9	6.5	7.0	7.3	6.8
1	SANDOVAL	5.7	6.1	6.2	5.6	7.2	5.7
	SAN JUAN	5.9	5.8	6.1	5.3	4.6	7.1
	TORRANCE	4.4	8.8	6.9	5.4	4.8	7.8
	VALENCIA	8.7	7.9	7.2	7.1	8.1	6.6
	COLFAX	8.0	4.7	11.2	7.9	7.9	7.0
	HARDING	9.1	6.3	7.7	11.8	0.0	6.7
	LOS ALAMOS	4.0	6.4	5.8	4.6	8.1	6.0
	MORA	10.5	15.3	6.3	11.0	7.4	14.5
2	RIO ARRIBA	9.7	9.4	7.4	9.4	7.1	8.2
	SAN MIGUEL	8.9	10.1	9.4	10.7	9.1	11.3
	SANTA FE	8.5	7.5	7.7	7.6	8.0	7.0
	TAOS	10.6	9.2	8.6	5.7	7.3	6.9
	UNION	2.4	13.2	4.5	0.0	10.4	9.1
	CATRON	20.0	8.8	7.0	9.7	5.4	3.2
	DONA ANA	6.7	5.7	6.1	6.0	6.5	5.5
	GRANT	8.7	6.4	6.1	7.7	6.2	9.4
3	HIDALGO	7.4	6.5	3.8	7.5	3.3	4.9
	LUNA	7.2	8.3	7.5	7.5	5.6	6.5
	OTERO	6.6	4.4	5.4	6.7	8.0	5.9
	SIERRA	12.6	2.0	9.6	2.0	11.3	5.4
	SOCORRO	9.2	5.6	9.4	4.9	4.2	6.6
	CHAVES	7.0	5.7	5.2	6.5	6.5	5.5
	CURRY	6.2	5.2	5.7	6.6	6.5	4.5
	DE BACA	10.5	5.6	3.6	10.7	12.1	12.0
4	EDDY	8.4	7.1	8.2	6.6	6.1	7.2
	GUADALUPE	9.0	6.4	1.4	4.6	8.4	1.7
	LEA	8.4	7.6	8.1	8.8	8.5	8.9
	LINCOLN	6.5	6.9	8.2	5.9	8.4	5.6
	QUAY	5.5	6.3	7.8	6.0	4.6	6.2
	ROOSEVELT	5.6	6.3	3.1	5.2	5.4	6.1

Figure 2.13 shows the percent low birth weight by county of residence for 1987-1989.

FIGURE 2.13
NEW MEXICO RESIDENT LIVE BIRTHS PERCENT LOW BIRTH WEIGHT BY COUNTY 1987-1989 AGGREGATE


San Juan
Rio Arriba
Taos
Colfax
Union
Mora
Los Alamos
Harding
McKinley
Sandoval
Santa Fe
San Miguel
Bernalillo
Quay
Cibola
Valencia
Guadalupe
Torrance
Curry
De Baca
Roosevelt
Catron
Socorro
Lincoln
Chaves
Sierra
Grant
Otero
Lea
Luna
Dona Ana
Eddy
Hidalgo
PERCENT LOW BIRTH WEIGHT
>= 9.0
8.0 – 8.9
7.0 – 7.9
6.0 – 6.9
< 6.0

New Mexico closely follows the United States in the percentage distribution by birth weight, with a larger proportion of births in the 2000-3499 gram range and a correspondingly smaller proportion of births with 3500 grams and higher birth weight (Table 2.16).

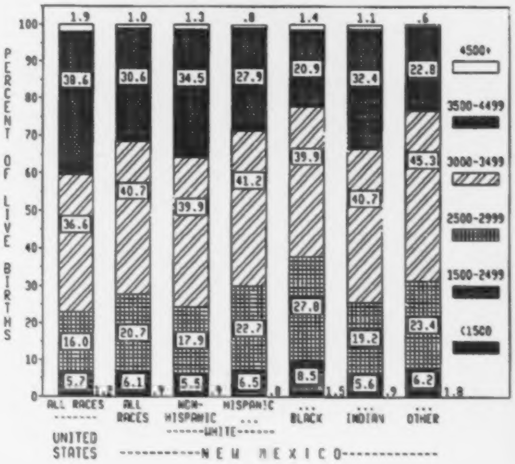
TABLE 2.16
PERCENT OF LIVE BIRTHS BY BIRTH WEIGHT DISTRIBUTION NEW MEXICO RESIDENTS 1989 UNITED STATES 1988

BIRTH WEIGHT (IN GRAMS)	NEW MEXICO	UNITED STATES
< 1000	0.4%	0.6%
1000-1499	0.5	0.6
1500-1999	1.3	1.3
2000-2499	4.7	4.4
All < 2500 gms.	6.9	6.9
2500-2999	20.7	16.0
3000-3499	40.6	36.6
3500-3999	24.5	29.4
4000-4499	6.0	9.1
All 2500-4499 gms	91.7	91.1
4500-4999	0.9	1.7
5000 +	0.2	0.2
All 4500+ gms.	1.0	1.9
UNSTATED	0.3	0.1

Infant mortality, especially during the first month of life, varies with birth weight, with weights of 3000-4499 grams associated with the best chance for healthy survival: this included in New Mexico 71% of all live births (1989) and 75% nationally (1988).

The largest category of 1989 New Mexico births (3000-3499 grams) included from among the State's four major ethnic groups, from 39.9% to 41.2% of births; the second largest category (3500-4499 grams) included from 20.9% to 34.5%. For the United States, the largest category was 3500-4499 grams with 38.6%. (Figure 2.14).

FIGURE 2.14
PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY KNOWN BIRTH WEIGHT (GRAMS) 1989 NEW MEXICO RESIDENTS BY RACE/ETHNICITY 1988 UNITED STATES



GESTATIONAL AGE

Most live births were "term" (born at 37 to 41 weeks gestation) both nationally (73.0% in 1988) and statewide (60.9% in 1988 and 63.4% in 1989).

TABLE 2.17
PERCENT OF LIVE BIRTHS BY WEEKS OF GESTATION NEW MEXICO RESIDENTS 1988-1989 UNITED STATES 1987-1988

LENGTH OF GESTATION	NEW MEXICO		UNITED STATES	
(In Weeks)	1988	1989	1987	1988
< 28	.5	.5	.8	.8
28-31	.8	.9	1.1	1.1
32-36	5.8	6.2	7.9	7.9
ALL =< 36	7.1	7.6	9.8	9.8
37-39	27.4	27.9	38.3	38.4
40	18.7	20.0	20.8	20.8
41	14.8	15.5	14.0	13.8
ALL 37-41	60.9	63.4	73.1	73.0
=> 42	14.4	16.1	13.0	12.9
UNSTATED/UNKNOWN	17.6	12.8	4.1	4.3

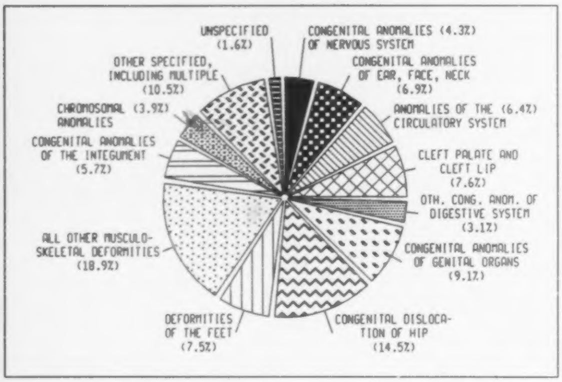
The 1988 New Mexico percentage unknown/unstated was over four times greater than that for the U.S. (Table 2.17).

CONGENITAL ANOMALIES

According to information reported on birth certificates, congenital anomalies occurred with 1.16% of 1985-1989 New Mexico resident live births.

Anomalies of the musculo-skeletal system-including congenitally dislocated hip, deformities of the feet, polydactyly (extra toes or fingers), syndactyly (webbed toes or fingers), and several other related deformities-accounted for two-fifths of all anomalies occurring in 1985-1989 New Mexico live births (Figure 2.15).

FIGURE 2.15
NEW MEXICO RESIDENT LIVE BIRTHS WITH CONGENITAL ANOMALIES PERCENT BY TYPE OF ANOMALY 1985-1989 AGGREGATE



The reported overall rate as well as the rates of certain types of congenital anomalies decreased for 1985-1989 as compared to 1980-1984 for New Mexico resident live births. Most notably, rates decreased for "Patent Ductus Arteriosus," "Congenital Anomalies of the skin," and "other and unspecified congenital anomalies." The overall rate decreased fourteen percent from 1980-1984 (Table 2.18).

In examining these data on live births with reported congenital anomalies, the reader should note that congenital anomalies are underreported by up to eighty percent, depending on the research cited. However, the available data still provide useful and interesting information.

The percent of live births with reported congenital anomalies was higher among Indians than any other race in New Mexico during 1985-1989 (1.77%) and 1980-1984 (1.74%) and was fifty-three percent higher than for all races (1.16%) during 1985-1989 (Figure 2.16 on the following page).

TABLE 2.18
LIVE BIRTHS WITH CONGENITAL ANOMALIES RATE PER 100,000 LIVE BIRTHS BY SELECTED TYPES OF ANOMALIES* NEW MEXICO RESIDENT 1980-1984 and 1985-1989 AGGREGATES

TYPE OF CONGENITAL ANOMALY (ICD-9 CATEGORIES 740-759)	1985-89	1980-84
CONGENITAL ANOMALIES OF THE NERVOUS SYSTEM	49.9	63.4
Anencephalus and Similar Anomalies	(8.8)	(9.6)
Spina Bifida	(19.1)	(17.0)
Congenital Hydrocephalus	(13.2)	(15.5)
CONGENITAL ANOMALIES OF THE EAR, FACE, NECK	80.8	61.2
Congenital Anomalies of the Ear	(70.5)	(51.6)
CONGENITAL ANOMALIES OF THE HEART	44.1	55.3
OTHER CONGENITAL ANOMALIES OF THE CIRCULATORY SYSTEM	30.1	44.2
Patent Ductus Arteriosus	(8.1)	(26.5)
Absence or Hypoplasia of Umbilical Artery	(15.4)	(11.8)
CLEFT PALATE AND CLEFT LIP	88.1	102.5
Cleft Palate	(23.5)	(31.0)
Cleft Lip	(24.2)	(31.7)
Cleft Palate with Cleft Lip	(40.4)	(39.8)
OTHER CONGENITAL ANOMALIES OF THE DIGESTIVE SYSTEM**	36.0	46.4
CONGENITAL ANOMALIES OF THE GENITAL ORGANS	106.5	112.8
Undescended Testicle	(38.9)	(39.8)
Hypospadias and Epispadias	(46.3)	(50.9)
MUSCULOSKELETAL DEFORMITIES	476.6	457.8
Congenital Dislocation of the Hip	(168.9)	(63.4)
Deformities of the Feet	(87.4)	(95.1)
Polydactyly	(63.9)	(70.0)
Syndactyly	(14.0)	(17.0)
Reduction Deformities of the Limbs	(22.0)	(17.7)
CONGENITAL ANOMALIES OF THE INTEGUMENT	66.1	155.6
Congenital Anomalies of the Skin	(62.4)	(140.8)
CHROMOSOMAL ANOMALIES	45.5	46.4
Down's Syndrome	(38.2)	(39.8)
MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	85.9	69.3
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES***	55.1	139.3
ALL LIVE BIRTHS WITH CONGENITAL ANOMALIES REPORTED	1,164.7	1,354.3

* Space limitations on the computer record of each of New Mexico's birth records permit the entry of only one code for congenital anomaly data. For those New Mexico birth records listing more than one anomaly, the code for "multiple congenital anomalies, so described" (759.7) is assigned if more than one system is affected; if only one system is affected; the code used reflects the most severe condition.

** Includes ICD-9 categories 750 and 751.

*** Includes ICD-9 categories 743, 748, 753, 759.0-759.6, 759.8-759.9.

The percentages of live births with congenital anomalies were lower for the 35-39 age group of mothers but higher for all other age groups of mothers in New Mexico than nationally. As shown in Figure 2.17, the highest percent of births with congenital anomalies were reported for ages forty and older both nationally and statewide. The lowest percentages of births with congenital anomalies occurred to mothers 35 to 39 years of age in New Mexico (0.98%) during 1985-1989, and to U.S. (.78%) mothers 25-29 years of age during 1973-1974 (1973-74 U.S. data by age of mother for live births with congenital anomalies are the most recently available).

FIGURE 2.16
LIVE BIRTHS WITH CONGENITAL ANOMALIES PERCENT REPORTED BY RACE/ETHNIC GROUP NEW MEXICO RESIDENT 1980-1984 AND 1985-1989 AGGREGATES

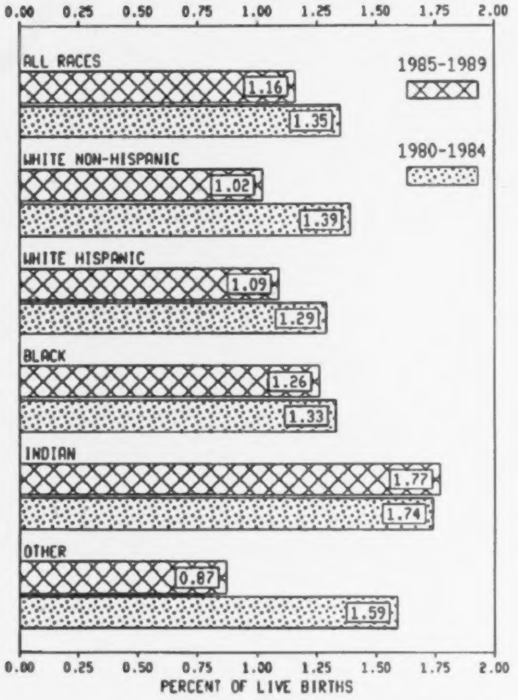


FIGURE 2.17
LIVE BIRTHS WITH CONGENITAL ANOMALIES PERCENT REPORTED BY AGE OF MOTHER NEW MEXICO RESIDENT 1985-1989 AGGREGATE UNITED STATES 1973-1974 AGGREGATE

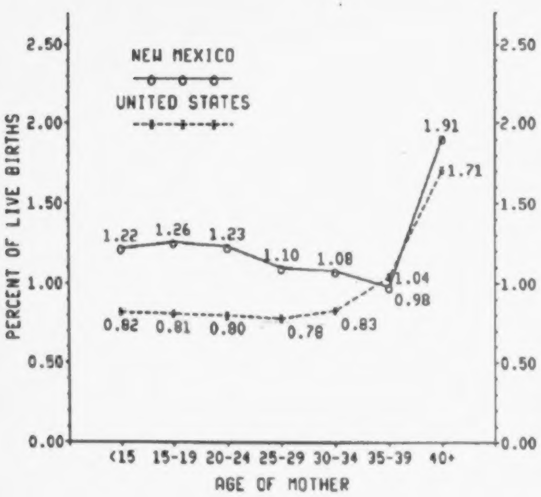


Table 2.19 presents by county of residence the number and percent of live births with congenital anomalies. These figures vary each year from county to county.

TABLE 2.19
LIVE BIRTHS WITH CONGENITAL ANOMALIES NUMBER AND PERCENT REPORTED BY COUNTY OF RESIDENCE 1986-1989

			1986		1987		1988		1989	
			NO.	%	NO.	%	NO.	%	NO.	%
		NEW MEXICO	337	1.24%	311	1.14%	256	0.95%	358	1.31%
		BERNALILLO	65	0.81	70	0.83	29	0.36	35	0.43
		CIBOLA	4	0.89	4	0.81	3	0.61	6	1.17
		MCKINLEY	17	0.99	20	1.11	21	1.13	26	1.36
	1	SANDOVAL	12	1.13	11	0.92	7	0.59	5	0.40
		SAN JUAN	55	2.59	38	1.99	45	2.40	46	2.41
		TORRANCE	1	0.69	1	0.68	0	--	2	1.55
		VALENCIA	4	0.06	4	0.58	1	0.15	3	0.40
H		COLFAX	2	0.98	3	1.48	0	--	3	1.61
E		HARDING	0	--	0	--	0	--	0	--
A		LOS ALAMOS	1	0.44	0	--	0	--	3	1.65
L		MORA	1	1.56	2	2.74	0	--	0	--
T	2	RIO ARRIBA	7	0.96	11	1.52	9	1.31	11	1.48
H		SAN MIGUEL	12	2.63	10	2.19	12	2.54	10	2.22
		SANTA FE	14	0.94	13	0.90	16	1.08	27	1.85
D		TAOS	3	0.76	3	1.00	6	1.69	7	1.94
I		UNION	0	--	1	1.41	2	2.99	1	1.82
S										
T		CATRON	2	4.65	1	3.23	2	5.41	0	--
R		DONA ANA	7	0.31	7	0.29	12	0.48	50	1.85
I		GRANT	10	2.26	8	1.75	3	0.71	2	0.48
C	3	HIDALGO	1	0.95	3	2.80	0	--	1	0.97
T		LUNA	4	1.49	6	1.96	4	1.40	8	2.74
S		OTERO	15	1.27	13	1.19	15	1.35	17	1.60
		SIERRA	0	--	1	1.00	0	--	1	0.90
		SOCORRO	3	1.28	4	1.52	0	--	1	0.41
		CHAVES	19	1.90	18	2.02	10	1.10	25	2.62
		CURRY	15	1.71	11	1.21	7	0.80	23	2.74
		DE BACA	0	--	0	--	0	--	0	--
		EDDY	32	3.65	22	2.98	30	4.07	18	2.34
	4	GUADALUPE	1	1.43	0	--	0	--	0	--
		LEA	15	1.22	17	1.65	13	1.28	13	1.38
		LINCOLN	6	2.46	2	0.98	4	2.41	9	5.00
		QUAY	4	2.40	5	3.36	5	3.27	2	1.38
		ROOSEVELT	5	1.74	2	0.74	0	--	3	1.07

*ICD-9 CATEGORIES 740-759 ONLY

Combining several years of data can provide some stability to small numbers as in the case with congenital anomalies reported for New Mexico live births by county. Figure 2.18 on the following page shows by county of residence the percent of births with congenital anomalies, averaged over a five year period (1985-1989). Reporting the highest percentage of births was Catron County (3.41%), followed by Eddy (3.22%), Lincoln (2.50%) and San Juan (2.30%) counties. Of counties with more than 500 births each year, the highest incidence was reported for Eddy County followed by San Juan, Chaves (1.59%) and Curry (1.41%) counties.

PARENT'S LEVEL OF EDUCATION

As shown in Figure 2.19, the majority of 1989 New Mexico resident births were to parents with high school (12 years) and higher educational attainment. Twenty-six percent of all births were to mothers with less than a high school education (11 years or less). For twenty-eight percent of all births the educational level of the fathers was unknown.

FIGURE 2.18
NEW MEXICO RESIDENT LIVE BIRTHS WITH CONGENITAL ANOMALIES PERCENT REPORTED BY COUNTY
1985 - 1989 AGGREGATE

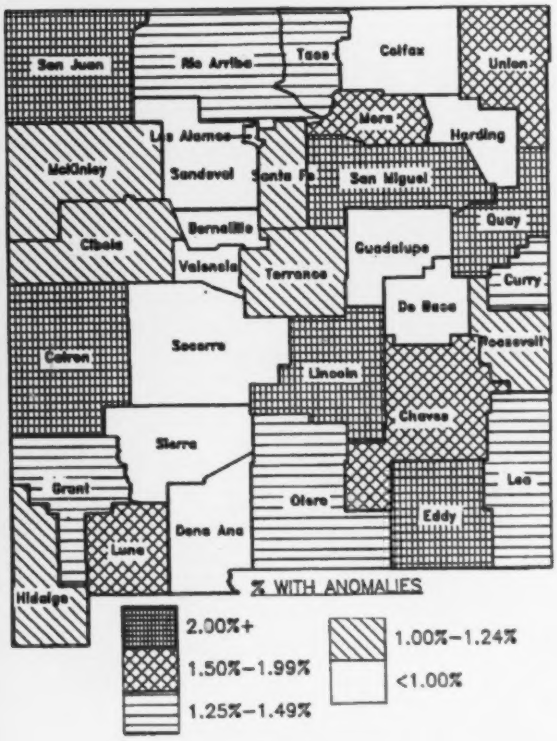
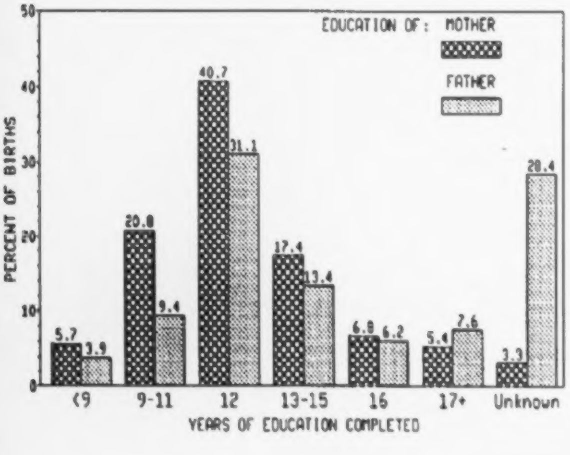

San Juan
Rio Arriba
Taos
Colfax
Union
Mora
Harding
Los Alamos
McKinley
Sandoval
Santa Fe
San Miguel
Quay
Bernalillo
Cibola
Valencia
Torrance
Guadalupe
Curry
De Baca
Roosevelt
Catron
Socorro
Lincoln
Chaves
Sierra
Grant
Otero
Lea
Eddy
Dona Ana
Luna
Hidalgo
% WITH ANOMALIES
2.00%+
1.50%-1.99%
1.25%-1.49%
1.00%-1.24%
<1.00%

FIGURE 2.19
PERCENT OF LIVE BIRTHS BY EDUCATION OF MOTHER AND FATHER NEW MEXICO RESIDENTS
1989



MULTIPLE BIRTHS

In 1989, there were 473 live births in multiple deliveries. The majority of these multiple deliveries (97%) were twin deliveries. Five sets of triplets were born to New Mexico residents in 1989.

The multiple birth ratio, defined as the number of live births in multiple deliveries per 1,000 total live births was 18.4 for New Mexico in 1988 and 17.3 in 1989, and 22.4 nationally in 1988.

HOSPITAL/ATTENDANT

Of all births reported in New Mexico 98.5% occurred in hospitals in 1989, 1/2% higher than for 1986-88 and 0.6% higher than for 1985 (Table 2.20). The State remains lower than the national level, which in 1988 was 99.1%.

Drastic changes in the percent of hospital births over the years in some counties reflect the opening and closing of facilities and ensuing migration across county boundaries in facility utilization.

TABLE 2.20
NEW MEXICO
PERCENTAGE OF LIVE BIRTHS IN HOSPITAL
1980, 1985-1989
By County of Occurrence

HEALTH DISTRICTS	COUNTY	1980	1985	1986	1987	1988	1989
	NEW MEXICO	98.1	97.9	98.0	98.0	98.0	98.5
	BERNALILLO	98.7	98.6	98.9	98.8	98.8	99.3
	CIBOLA	*	100.0	96.9	96.3	98.6	99.1
	MCKINLEY	99.5	99.5	99.5	99.2	99.4	99.4
1	SANDOVAL	87.4	88.5	82.1	75.0	77.8	13.3
	SAN JUAN	99.0	99.4	99.3	99.5	99.4	99.1
	TORRANCE	0.0	0.0	0.0	0.0	0.0	0.0
	VALENCIA	98.5	96.7	93.9	97.0	94.7	96.1
	COLFAX	99.5	100.0	98.5	100.0	99.4	100.0
	HARDING	--	--	--	--	--	--
	LOS ALAMOS	99.8	99.5	99.2	99.4	99.3	99.3
	MORA	0.0	0.0	0.0	--	0.0	--
2	RIO ARRIBA	92.4	93.5	97.1	97.7	96.7	96.0
	SAN MIGUEL	94.8	94.9	95.4	97.5	97.0	97.8
	SANTA FE	94.8	95.9	96.0	92.7	94.3	96.1
	TAOS	89.5	81.3	84.7	79.4	73.4	82.5
	UNION	100.0	98.5	100.0	100.0	100.0	100.0
	CATRON	0.0	0.0	0.0	0.0	--	--
	DONA ANA	97.6	96.3	96.6	96.3	96.4	97.5
	GRANT	98.1	96.3	93.9	96.0	95.9	96.5
3	HIDALGO	0.0	--	0.0	--	--	--
	LUNA	99.3	98.2	98.2	98.5	97.6	99.2
	OTERO	98.4	95.7	95.9	97.9	97.6	97.6
	SIERRA	93.7	87.5	90.9	97.4	87.5	97.5
	SOCORRO	96.0	99.5	97.8	98.4	99.0	97.8
	CHAVES	99.4	99.7	99.2	99.4	99.9	99.7
	CURRY	99.8	99.5	99.6	99.6	99.7	99.7
	DE BACA	100.0	100.0	100.0	100.0	100.0	100.0
4	EDDY	98.8	99.3	99.6	99.2	99.2	99.2
	GUADALUPE	90.9	100.0	100.0	100.0	100.0	100.0
	LEA	98.1	98.8	99.1	98.9	98.3	99.4
	LINCOLN	98.1	98.4	96.8	96.5	96.0	98.8
	QUAY	95.9	98.7	96.6	98.2	99.2	97.3
	ROOSEVELT	99.0	99.2	100.0	99.1	100.0	99.7

* Prior to 1982, Cibola County data were included with Valenciay.

As seen in Table 2.21, residents of many counties go elsewhere to give birth, usually in other counties in the State, but also outside of New Mexico.

TABLE 2.21
1989 NEW MEXICO RESIDENT BIRTHS BY STATE / COUNTY OF OCCURRENCE

	COUNTY	TOTAL RESIDENT BIRTHS	BIRTHS OCCURRING IN: COUNTY OF RESIDENCE NO.	%	OTHER COUNTIES NO.	%	OUT OF STATE NO.	%
	NEW MEXICO	27,265	21,813	80.00%	4,381	16.07%	1,071	3.93%
	BERNALILLO	8,126	8,054	99.11	51	0.63	21	0.26
	CIBOLA	511	205	40.12	305	59.69	1	0.20
	MCKINLEY	1,916	1,696	88.52	77	4.02	143	7.46
1	SANDOVAL	1,262	14	1.11	1,247	98.81	1	0.08
	SAN JUAN	1,909	1,681	88.06	92	4.82	136	7.12
	TORRANCE	129	3	2.33	126	97.67	0	0.00
	VALENCIA	756	140	18.52	611	80.82	5	0.66
H	COLFAX	186	135	72.58	40	21.51	11	5.91
E	HARDING	15	0	0.00	13	86.67	2	13.33
A	LOS ALAMOS	182	147	80.77	35	19.23	0	0.00
L	MORA	55	0	0.00	55	100.00	0	0.00
T 2	RIO ARRIBA	741	264	35.63	474	63.97	3	0.40
H	SAN MIGUEL	450	366	81.33	82	18.22	2	0.44
	SANTA FE	1,459	1,285	88.07	173	11.86	1	0.07
D	TAOS	360	284	78.89	70	19.44	6	1.67
I	UNION	55	31	56.36	8	14.55	16	29.09
S								
T	CATRON	31	0	0.00	28	90.32	3	9.68
R	DONA ANA	2,702	2,167	80.20	37	1.37	498	18.43
I	GRANT	413	390	94.43	17	4.12	6	1.45
C 3	HIDALGO	103	0	0.00	96	93.20	7	6.80
T	LUNA	292	212	72.60	73	25.00	7	2.40
S	OTERO	1,063	904	85.04	114	10.72	45	4.23
	SIERRA	111	39	35.14	68	61.26	4	3.60
	SOCORRO	242	163	67.36	79	32.64	0	0.00
	CHAVES	956	910	95.19	36	3.77	10	1.05
	CURRY	838	726	86.63	96	11.46	16	1.91
	DE BACA	25	17	68.00	8	32.00	0	0.00
	EDDY	769	706	91.81	56	7.02	9	1.17
4	GUADALUPE	58	19	32.76	39	67.24	0	0.00
	LEA	945	838	88.68	15	1.59	92	9.74
	LINCOLN	180	148	82.22	30	16.67	2	1.11
	QUAY	145	66	45.52	64	44.14	15	10.34
	ROOSEVELT	280	203	72.50	68	24.29	9	3.21

Physicians attended 89.7% of New Mexico births in 1989 (4% less than in 1983), nurse mid-wives attended 8.7% (nearly twice that in 1983) (Table 2.22).

TABLE 2.22
NEW MEXICO LIVE BIRTHS PERCENTAGE OCCURRING IN HOSPITAL AND BIRTHS BY ATTENDANT
Distribution By Occurrence: 1983 - 1989

	PERCENTAGE OF BIRTHS						
	HOSPITAL		ATTENDANT AT BIRTH				
YEAR	IN	OUT OF	PHYSICIAN	LAY MIDWIFE	NURSE MIDWIFE	R.N.	Other
1989	98.5%	1.5%	89.7%	0.9%	8.7%	0.3%	0.4%
1988	98.0	2.0	89.0	1.1	9.7	0.3	0.7
1987	98.0	2.0	90.8	0.9	7.5	0.1	0.6
1986	98.0	2.0	91.6	0.9	6.4	0.1	0.9
1985	97.9	2.1	91.8	1.0	6.3	0.1	0.8
1984	97.5	2.5	92.7	1.1	5.3	0.1	0.8
1983	97.4	2.6	93.1	0.9	4.7	0.1	1.3

A detailed listing by county of occurrence, facility, and attendant is presented in Table A-6 of the Appendix.

LEVELS OF PRENATAL CARE

Of the 27,265 New Mexico resident live births in 1989, at least 4,609 (16.9%) received no prenatal care, or very low levels of prenatal care; that is nearly 1 out of every 6 births. We say "at least", because there were another 2,288 births for which the level of prenatal care received was unknown (Table 2.23).

In twenty of the State's counties, at least fifteen percent of births in 1989 received a low (little or no) level of prenatal care. Data may be skewed in some counties due to a high percentage of unknowns (Table 2.23).

The level of prenatal care is of grave concern as it impacts so dramatically on the outcome of pregnancy. Mortality during the first twenty-seven days of life (neonatal period) for infants whose mothers received low levels of prenatal care is seven times greater than the mortality noted for infants whose mothers received a high level of care. (refer to section on infant mortality).

TABLE 2.23
NEW MEXICO RESIDENT LIVE BIRTHS BY COUNTY AND LEVEL OF PRENATAL CARE
1989

	COUNTY	LIVE BIRTHS NUMBER	HIGH NO.	%	MID NO.	%	NON/LOW NO.	%	UNKNOWN NO.	%
	NEW MEXICO	27265	11498	42.2	8870	32.5	4609	16.9	2288	8.4
	BERNALILLO	8126	3079	37.9	2816	34.7	1208	14.9	1023	12.6
	CIBOLA	511	187	36.6	151	29.5	77	15.1	96	18.8
	MCKINLEY	1916	765	39.9	685	35.8	412	21.5	54	2.8
1	SANDOVAL	1262	520	41.2	433	34.3	203	16.1	106	8.4
	SAN JUAN	1909	980	51.3	584	30.6	310	16.2	35	1.8
	TORRANCE	129	33	25.6	55	42.6	24	18.6	17	13.2
	VALENCIA	756	310	41.0	256	33.9	117	15.5	73	9.7
	COLFAX	186	81	43.5	68	36.6	23	12.4	14	7.5
	HARDING	15	4	26.7	8	53.3	1	6.7	2	13.3
	LOS ALAMOS	182	136	74.7	31	17.0	9	4.9	6	3.3
H	MORA	55	20	36.4	28	50.9	7	12.7	0	--
E 2	RIO ARRIBA	741	266	35.9	252	34.0	188	25.4	35	4.7
A	SAN MIGUEL	450	183	40.7	167	37.1	70	15.6	30	6.7
L	SANTA FE	1459	601	41.2	543	37.2	205	14.1	110	7.5
T	TAOS	360	155	43.1	11	30.8	70	19.4	24	6.7
H	UNION	55	30	54.5	12	21.8	8	14.5	5	9.1
D	CATRON	31	12	38.7	8	25.8	10	32.3	1	3.2
I	DONA ANA	2702	1475	54.6	547	20.2	474	17.5	206	7.6
S	GRANT	413	119	28.8	123	29.8	75	18.2	96	23.2
T	HIDALGO	103	30	29.1	32	31.1	19	18.4	22	21.4
R 3	LUNA	292	90	30.8	101	34.6	89	30.5	12	4.1
I	OTERO	1063	598	56.3	317	29.8	110	10.3	38	3.6
C	SIERRA	111	57	51.4	35	31.5	14	12.6	5	4.5
T	SOCORRO	242	82	33.9	99	40.9	44	18.2	17	7.0
S										
	CHAVES	956	454	47.5	315	32.9	158	16.5	29	3.0
	CURRY	838	424	50.6	295	35.2	91	10.9	28	3.3
	DE BACA	25	11	44.0	10	40.0	2	8.0	2	8.0
	EDDY	769	328	42.7	279	36.3	146	19.0	16	2.1
4	GUADALUPE	58	33	56.9	16	27.6	6	10.3	3	5.2
	LEA	945	203	21.5	257	27.2	340	36.0	145	15.3
	LINCOLN	180	76	42.2	64	35.6	37	20.6	3	1.7
	QUAY	145	45	31.0	65	44.8	17	11.7	18	12.4
	ROOSEVELT	280	111	39.6	107	38.2	45	16.1	17	6.1

Note should be made of the percentage of "unknown level of care", since a high percentage of unknown (e.g. Grant County) will greatly skew reporting in the other categories.

The percentage of New Mexico births having received low levels of prenatal care (1989 data) is highest for mothers younger than 25 and lowest for mothers 25 and older (Figure 2.20 on the following page).

Subdividing the 15-19 age group shows a slightly lower rate of low level prenatal care for 18-19 year olds than for 15-17 year olds (Table 2.24). County comparisons are interesting: six counties exceeded by more than 50% the State percentage low level prenatal care for the 35 to 39 age group in 1989.

In the 20-24 age group, Bernalillo County reported 426 resident births in 1989 for which little or no prenatal care was received. The percentage was highest in Lea County where two out of five births in the 20-24 age group in 1989 received inadequate care.

FIGURE 2.20 NEW MEXICO RESIDENTS PERCENT BIRTHS WITH LOW LEVEL PRENATAL CARE BY AGE GROUP OF MOTHER 1988 AND 1989

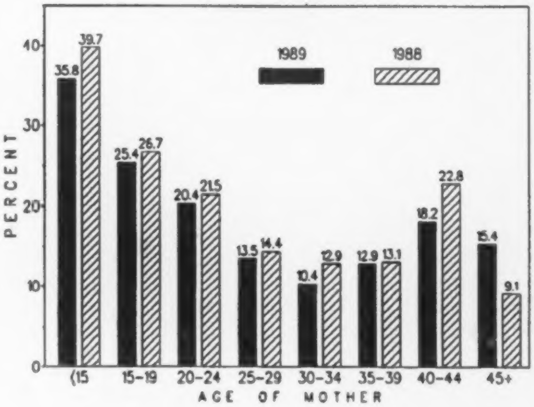


TABLE 2.24 NEW MEXICO RESIDENT LIVE BIRTHS WITH LOW LEVEL PRENATAL CARE NUMBER AND PERCENT BY AGE OF MOTHER 1989

HEALTH DISTRICTS	COUNTY	TOTAL		Number and Percent by Age of Mother																			
				<15		15-17		18-19		(15-19)		20-24		25-29		30-34		35-39		40-44		45+	
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
	NEW MEXICO	4609	16.9	24	35.8	417	26.8	653	24.6	(1070)	(25.4)	1643	20.4	1072	13.5	504	10.4	238	12.9	56	18.2	2	15.4
	BERNALILLO	1208	14.9	5	20.8	109	28.2	151	22.4	(260)	(24.5)	426	18.9	302	12.2	149	9.2	53	8.8	13	14.4	0	0.0
	CIBOLA	77	15.1	1	25.0	4	10.3	14	19.4	(18)	(16.2)	26	16.1	15	12.1	5	7.8	11	27.5	1	14.3	--	--
	MCKINLEY	412	21.5	2	66.7	27	23.7	43	24.0	(70)	(23.9)	143	24.3	111	21.0	50	14.8	27	20.0	8	28.6	1	50.0
	SANDOVAL	203	16.1	1	50.0	5	13.5	18	24.0	(23)	(20.5)	71	22.2	58	13.6	30	10.2	14	15.6	6	40.0	--	--
1	SAN JUAN	310	16.2	1	33.3	28	25.5	37	19.0	(65)	(21.3)	105	19.2	70	12.7	41	12.8	23	15.2	4	14.3	1	33.3
	TORRANCE	24	18.6	1	100.0	4	40.0	5	35.7	(9)	(37.5)	6	17.1	6	18.2	1	3.7	1	16.7	0	0.0	--	--
	VALENCIA	117	15.5	2	66.7	15	27.3	21	25.9	(36)	(26.5)	36	17.1	28	12.7	10	7.6	5	10.9	0	0.0	--	--
	COLFAX	23	12.4	--	--	3	21.4	4	17.4	(7)	(18.9)	9	16.7	4	7.7	2	6.5	1	10.0	0	0.0	--	--
	HARDING	1	6.7	--	--	--	--	1	100.0	(1)	(100.0)	0	0.0	0	0.0	0	0.0	--	--	--	--	0	0.0
	LOS ALAMOS	9	4.9	--	--	0	0.0	1	50.0	(1)	(16.7)	2	8.0	3	5.1	1	1.6	2	6.9	0	0.0	0	0.0
	MORA	7	12.7	--	--	1	25.0	1	20.0	(2)	(22.2)	2	15.4	1	4.8	1	12.5	1	25.0	--	--	--	--
2	RIO ARRIBA	188	25.4	1	50.0	12	28.6	29	31.9	(41)	(30.8)	72	32.7	46	21.5	19	15.0	6	15.8	3	42.9	--	--
	SAN MIGUEL	70	15.6	1	50.0	9	32.1	14	33.3	(23)	(32.9)	27	19.9	10	8.0	2	2.6	5	17.2	2	16.7	--	--
	SANTA FE	205	14.1	--	--	19	26.0	26	20.2	(45)	(22.3)	60	17.0	49	11.5	29	10.3	20	11.5	2	8.7	0	0.0
	TAOS	70	19.4	0	0.0	5	20.8	11	30.6	(16)	(26.7)	16	20.5	19	20.9	15	19.0	3	7.1	1	11.1	--	--
	UNION	8	14.5	--	--	1	16.7	2	40.0	(3)	(27.3)	3	17.6	1	6.3	0	0.0	1	100.0	0	0.0	--	--
	CATRON	10	32.3	--	--	--	--	0	0.0	(0)	(0.0)	3	30.0	3	27.3	4	66.7	0	0.0	0	0.0	--	--
	DONA ANA	474	17.5	1	20.0	45	29.8	82	32.3	(127)	(31.4)	173	20.8	99	13.0	46	9.0	22	13.8	6	21.6	0	0.0
	GRANT	75	18.2	1	100.0	6	23.1	12	20.3	(18)	(21.2)	25	18.2	19	17.9	9	18.4	3	10.0	0	0.0	--	--
3	HIDALGO	19	18.4	--	--	2	50.0	3	21.4	(5)	(27.8)	5	14.7	5	17.2	4	22.2	0	0.0	--	--	--	--
	LUNA	89	30.5	2	50.0	14	46.7	12	36.4	(26)	(41.3)	37	37.0	15	19.5	6	17.6	1	9.1	2	66.7	--	--
	OTERO	110	10.3	1	100.0	6	12.2	15	15.6	(21)	(14.5)	47	11.8	28	8.8	7	4.5	5	12.5	1	14.3	0	0.0
	SIERRA	14	12.6	--	--	1	14.3	3	17.6	(4)	(16.7)	6	17.6	3	9.7	0	0.0	1	16.7	--	--	--	--
	SOCORRO	44	18.2	1	50.0	6	17.6	5	15.6	(11)	(16.7)	15	21.4	9	18.0	5	12.8	1	8.3	2	66.7	--	--
	CHAVES	158	16.5	1	25.0	19	25.3	22	18.3	(41)	(21.0)	59	18.3	41	15.6	9	7.4	6	14.3	1	11.1	--	--
	CURRY	91	10.9	1	60.0	8	16.7	15	14.6	(23)	(15.2)	42	13.2	18	7.8	5	5.1	1	3.3	1	16.7	0	0.0
	DE BACA	2	8.0	0	0.0	2	66.7	0	0.0	(2)	(33.3)	0	0.0	0	0.0	0	0.0	0	0.0	--	--	--	--
4	EDDY	146	19.0	--	--	20	34.5	20	19.6	(40)	(25.0)	56	23.9	23	10.0	18	18.4	8	18.6	1	33.3	--	--
	GUADALUPE	6	10.3	--	--	0	0.0	2	22.2	(2)	(16.7)	1	6.7	2	14.3	0	0.0	0	0.0	1	100.0	--	--
	LEA	340	36.0	1	50.0	39	48.8	62	50.8	(101)	(50.0)	128	40.1	68	26.9	29	22.3	13	36.1	0	0.0	0	0.0
	LINCOLN	37	20.6	--	--	3	27.3	8	40.0	(11)	(35.5)	14	29.2	6	9.4	3	12.5	2	20.0	1	33.3	--	--
	QUAY	17	11.7	--	--	2	15.4	3	17.6	(5)	(16.7)	7	14.6	5	11.6	0	0.0	0	0.0	--	--	--	--
	ROOSEVELT	45	16.1	--	--	2	10.5	11	33.3	(13)	(25.0)	21	19.4	5	7.0	4	11.4	2	15.4	0	0.0	--	--

Percentage is based on births reporting little or no cas a portion of all births within the County/age category.
The number of births with low or no prenatal care may ignificantly undercounted in counties within a large proportion of births reporting an "unknown" level of care.

-- No Births in this age group
0.0 No Low Level Prenatal Care

Table 2.25 and Figure 2.21 show that Indian, Black and Hispanic births were about twice as likely to have received low levels of prenatal care as were non-Hispanic White births.

High percentages of births reporting low levels of prenatal care for the various race/ethnic groups are evedent in various counties (Table 2.25). In actual numbers Bernalillo County recorded among Blacks and Hispanic Whites the highest number of births receiving low levels of prenatal care, McKinley, Sandoval and San Juan counties were highest for Indians.

A high level of care was defined to be care that began in the first to third month of pregnancy with nine or more visits. Mid-levels of care were defined to be care that began in the first to third month with 5-8 visits, or care beginning in the fourth to sixth month with five or more visits. The various combinations are graphically depicted in Figure 2.22. The chart allows for the categorization of inconsistent entries, which were a relatively minor problem; a greater problem was the number of unknowns.

TABLE 2.25
NEW MEXICO
RESIDENT LIVE BIRTHS
PERCENT REPORTING LOW LEVEL PRENATAL CARE
BY RACE / ETHNIC GROUP
1989

	COUNTY	TOTAL		WHITE Non-Hispanic		WHITE Hispanic		BLACK		INDIAN		OTHER	
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
	NEW MEXICO	4609	16.9	961	10.6	2502	19.3	148	20.4	961	22.8	37	10.9
	BERNALILLO	1208	14.9	310	9.9	693	17.2	70	21.7	113	23.8	22	14.1
	CIBOLA	77	15.1	7	12.3	11	6.0	0	0.0	58	22.6	1	33.3
	MCKINLEY	412	21.5	10	7.8	23	13.7	3	27.3	375	23.4	1	25.0
1	SANDOVAL	203	16.1	46	9.9	60	14.6	0	0.0	95	26.3	2	18.2
	SAN JUAN	310	16.2	50	8.5	35	12.2	3	25.0	220	21.7	2	22.2
	TORRANCE	24	18.6	7	13.5	16	23.2	0	0.0	1	20.0	0	0.0
	VALENCIA	117	15.5	28	11.4	83	18.0	0	0.0	6	16.7	0	0.0
H	COLFAX	23	12.4	2	4.0	20	14.8	0	--	1	100.0	0	--
E	HARDING	1	6.7	0	0.0	1	20.0	0	--	0	0.0	0	--
A	LOS ALAMOS	9	4.9	8	5.6	1	3.4	0	--	0	0.0	0	0.0
L	MORA	7	12.7	1	50.0	6	11.7	0	--	0	--	0	0.0
T 2	RIO ARRIBA	188	25.4	7	17.5	155	28.2	0	0.0	26	17.6	0	0.0
H	SAN MIGUEL	70	15.6	6	20.0	63	15.3	0	0.0	1	33.3	0	0.0
	SANTA FE	205	14.1	48	11.1	135	14.6	5	41.7	14	18.2	3	21.4
D	TAOS	70	19.4	16	17.6	46	19.4	1	100.0	7	24.1	0	0.0
I	UNION	8	14.5	2	7.4	6	22.2	0	--	0	0.0	0	--
S													
T	CATRON	10	32.3	7	28.0	2	40.0	0	--	1	100.0	0	--
R	DONA ANA	474	17.5	53	8.1	414	21.0	4	9.3	2	11.1	1	4.8
I	GRANT	75	18.2	14	10.8	58	21.8	1	20.0	2	25.0	0	0.0
C 3	HIDALGO	19	18.4	3	13.0	16	20.3	0	--	0	0.0	0	--
T	LUNA	89	30.5	10	17.2	76	33.8	2	40.0	0	0.0	1	33.3
S	OTERO	110	10.3	67	7.9	32	12.5	8	9.9	21	21.9	2	5.6
	SIERRA	14	12.6	6	10.5	7	13.5	0	0.0	1	100.0	0	--
	SOCORRO	44	18.2	10	19.6	20	14.6	2	33.3	11	26.8	1	14.3
	CHAVES	158	16.5	44	11.1	111	21.1	1	6.3	1	7.1	1	25.0
	CURRY	91	10.9	24	5.4	57	19.7	10	13.2	0	0.0	0	0.0
	DE BACA	2	8.0	0	0.0	2	11.1	0	--	0	--	0	--
	EDDY	146	19.0	53	15.3	87	22.5	5	20.8	1	20.0	0	0.0
4	GUADALUPE	6	10.3	0	0.0	6	12.8	0	--	0	0.0	0	0.0
	LEA	340	36.0	98	22.3	208	48.1	31	52.5	3	60.0	0	0.0
	LINCOLN	37	20.6	18	19.4	18	23.1	0	--	1	16.7	0	0.0
	QUAY	17	11.7	8	12.1	9	12.0	0	0.0	0	--	0	0.0
	ROOSEVELT	45	16.1	18	11.3	25	23.1	2	22.2	0	0.0	0	--

Categorization by child's race/ethnic group.
Percentage is based on births reporting little or no prenatal care as a portion of all births within the county/race/ethnic category.
The number of births with little or no prenatal care may be significantly undercounted in counties with a large proportion of births reporting an unknown* level of care.

-- No Births in this Race Ethnic Group
0.0 No Low Level Prenatal Care

FIGURE 2.21
NEW MEXICO RESIDENT LIVE BIRTHS PERCENT REPORTING LOW LEVEL PRENATAL CARE BY RACE/ETHNIC GROUP
1988-1989

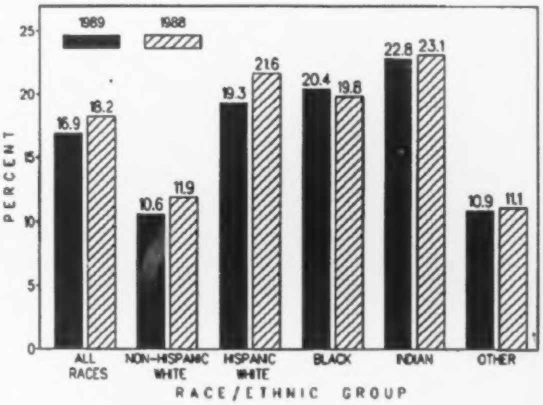


FIGURE 2.22
NEW MEXICO
CLASSIFICATION OF LEVELS OF PRENATAL CARE
USING AS CRITERIA THE MONTH CARE BEGAN AND THE NUMBER OF PRENATAL VISITS

NUMBER OF PRENATAL VISITS	MONTH CARE BEGAN 1-3	4-6	7-9	NONE (0)	UNKNOWN
9+	H	M	L	L	?
5-8	M	M	L	L	?
1-4	L	L	L	L	L
NONE	L	L	L	(NONE) L	L
UNKNOWN	?	?	L	L	?

HIGH (OPTIMUM) LEVEL	■	LOW LEVEL	▨
MID LEVEL	▥	UNKNOWN LEVEL	?

A breakdown of resident births by county and selected cities is presented in Table A-7 and births by county for the years 1974-1989 in Table A-2 of the Appendix.

A summarization of natality data characteristics for 1989 is presented in Table 2.26, on the following page.

TABLE 2.26
NATALITY CHARACTERISTICS BY COUNTY
NEW MEXICO RESIDENTS 1989

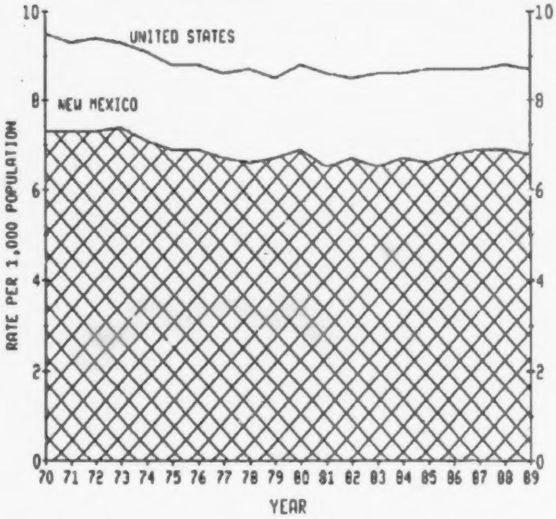
		LIVE BIRTHS		SEX	LOW BIRTH	% BIRTHS	BIRTHS TO	RACE OF CHILD				
	COUNTY		RATE	RATIO	WEIGHT	SINGLE	MOTHERS=<19	WHITE		NON-WHITE		
		NUMBER	PER 1,000 POP	M/F	%	MOTHERS	%	NON-HISPANIC	HISPANIC	BLACK	INDIAN	OTHER
	NEW MEXICO	27265	17.8	1.05	6.9	34.6	15.7	9047	12932	725	4222	339
	BERNALILLO	8126	16.1	1.03	7.6	32.0	13.3	3134	4038	323	475	156
	CIBOLA	511	24.7	0.98	6.8	55.8	22.5	57	182	12	257	3
	MCKINLEY	1916	28.3	1.11	6.8	60.2	15.4	128	168	11	1605	4
1	SANDOVAL	1262	19.8	1.12	5.7	30.7	9.0	465	410	15	361	11
	SAN JUAN	1909	22.2	1.09	7.1	41.3	16.1	586	288	12	1014	9
	TORRANCE	129	11.9	1.19	7.8	27.9	19.4	52	69	1	5	2
	VALENCIA	756	16.3	1.10	6.6	29.5	18.4	245	462	6	36	7
H	COLFAX	186	13.9	1.02	7.0	38.2	19.9	50	135	0	1	0
E	HARDING	15	15.0	0.88	6.7	20.0	6.7	9	5	0	1	0
A	LOS ALAMOS	182	9.3	1.28	6.0	7.1	3.3	144	29	0	2	7
L	MORA	55	12.8	1.04	14.5	36.4	16.4	2	52	0	0	1
T 2	RIO ARRIBA	741	22.7	0.91	8.2	42.9	18.2	40	549	2	148	2
H	SAN MIGUEL	450	17.9	0.98	11.3	45.3	16.0	30	413	3	3	1
	SANTA FE	1459	14.9	1.02	7.0	31.3	13.8	434	922	12	77	14
D	TAOS	360	16.7	0.99	6.9	33.9	16.9	91	237	1	29	2
I	UNION	55	12.2	0.96	9.1	34.5	20.0	27	27	0	1	0
S												
T	CATRON	31	11.1	1.07	3.2	22.6	3.2	25	5	0	1	0
R	DONA ANA	2702	20.5	1.06	5.5	30.1	15.2	653	1967	43	18	21
I	GRANT	413	15.1	1.03	9.4	29.8	20.8	130	266	5	8	4
C 3	HIDALGO	103	17.5	0.81	4.9	36.9	17.5	23	79	0	1	0
T	LUNA	292	15.9	1.04	6.5	39.4	22.9	58	225	5	1	3
S	OTERO	1063	20.8	1.06	5.9	23.3	13.7	594	256	81	96	36
	SIERRA	111	11.3	1.27	5.4	27.9	21.6	57	52	1	1	0
	SOCORRO	242	16.5	1.22	6.6	40.5	28.1	51	137	6	41	7
	CHAVES	956	17.3	1.00	5.5	35.0	20.8	397	525	16	14	4
	CURRY	838	19.7	0.98	4.5	26.1	18.3	445	290	76	5	22
	DE BACA	25	11.4	2.57	12.0	32.0	28.0	7	18	0	0	0
	EDDY	769	16.1	1.06	7.2	30.4	20.8	347	386	24	5	7
4	GUADALUPE	58	14.5	0.71	1.7	43.1	20.7	7	47	0	2	2
	LEA	945	16.8	1.05	8.9	29.4	21.6	440	432	59	5	9
	LINCOLN	180	13.5	1.31	5.6	23.9	17.2	93	78	0	6	3
	QUAY	145	12.8	0.99	6.2	26.2	20.7	66	75	2	0	2
	ROOSEVELT	280	17.2	1.01	6.1	30.4	18.6	160	108	9	3	0

MORTALITY

ALL CAUSES

The trend in crude death rates (number of persons dying during the year per 1,000 population) for New Mexico and the United States is shown in Figure 3.1. The lower death rates for New Mexico reflect a younger population. As noted earlier in Figure 1.4, only 10.7% of New Mexico's population is age 65 or older, compared with 12.5% for the U.S.

FIGURE 3.1
CRUDE DEATH RATE
NEW MEXICO RESIDENTS AND UNITED STATES
1970-1989



To control the effect created upon the rates by a difference in age composition, age-adjusted methods are employed to yield a death rate which would be expected if New Mexico had the same population age structure as that of the United States.

In Table 3.1, crude death rates by sex for New Mexico and the state's various race/ethnic populations are compared with national data.

The favorable comparison caused by the State's young population structure decreases upon age-adjusting the rates. Age-adjusted mortality rates for New Mexico were slightly lower than national rates for males and females. Age-adjusted mortality rates for the State's various race/ethnic populations show the highest male mortality to be for Indians and the highest female mortality to be for Blacks. Mortality rates for Indian and Black males in the State exceed that for males nationally; for females the national rate was exceeded by the rate for New Mexico Black women.

In comparing mortality rates by age and sex for New Mexico and the United States, (Table 3.2) interestingly, shows New Mexico's mortality is higher than nationally for age groups 1-44 and lower for age groups 45 and older.

TABLE 3.1
NEW MEXICO CRUDE AND ADJUSTED DEATH RATES
NEW MEXICO RESIDENTS
1987-89,1984-86,1981-83 AVERAGES
Compared with the United States 1988

RATE PER 100,000 POPULATION	1987-89 CRUDE DEATH RATE	1987-89 NEW MEXICO AGE-ADJUSTED DEATH RATE	1984-86 NEW MEXICO AGE-ADJUSTED DEATH RATE	1981-83 NEW MEXICO AGE-ADJUSTED DEATH RATE
UNITED STATES				
MALE	940.0	XXX	XXX	XXX
FEMALE	826.9	XXX	XXX	XXX
NEW MEXICO ALL RACES:				
MALE	775.4	852.5	856.9	890.5
FEMALE	610.2	753.9	724.0	747.7
NEW MEXICO WHITE NON-HISPANIC:				
MALE	869.3	817.5	838.0	893.0
FEMALE	751.2	741.8	716.0	753.6
NEW MEXICO WHITE HISPANIC:				
MALE	660.3	851.1	838.5	850.4
FEMALE	456.6	754.4	734.6	737.2
NEW MEXICO BLACK:				
MALE	712.8	1020.9	1045.6	974.2
FEMALE	645.0	1033.4	899.5	778.6
NEW MEXICO INDIAN:				
MALE	770.4	1174.5	1091.4	1021.3
FEMALE	422.9	816.1	708.4	750.3

NEW MEXICO AGE-ADJUSTED TO MID YEAR US POPULATION.

TABLE 3.2
AGE-SPECIFIC DEATH RATES
NEW MEXICO RESIDENTS 3-YEAR AVERAGE
1987-1989
AND UNITED STATES 1988

	MALE		FEMALE	
AGE GROUPS	NEW MEXICO	UNITED STATES	NEW MEXICO	UNITED STATES
1 - 4	62.7	56.5	47.3	45.0
5 - 14	39.0	30.9	23.6	20.4
15 - 24	207.0	151.0	64.3	52.1
25 - 34	266.7	196.7	91.5	74.0
35 - 44	328.9	301.4	141.8	140.0
45 - 54	562.0	629.0	335.9	350.9
55 - 64	1366.8	1606.9	796.2	904.7
65 - 74	2995.2	3573.8	1844.9	2056.1
75 - 84	7224.8	8223.2	4394.2	5173.3
85+	15859.8	18370.8	13808.1	14508.1

RATES PER 100,000 POPULATION IN SPECIFIED AGE GROUP.

Age-specific rates by county and sex are presented in Table A-8 of the appendix.

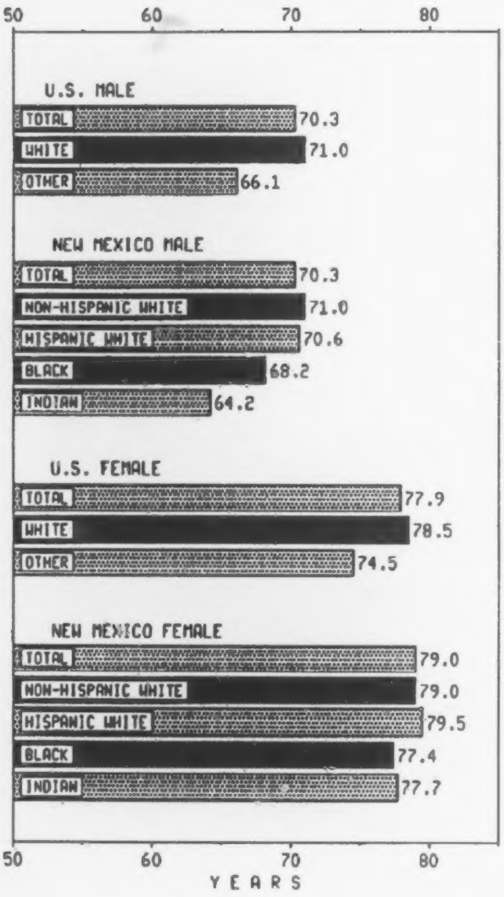
LIFE EXPECTANCY

Life expectancy for New Mexico males is the same (70.3 years) as for the U.S. male population. However, for the State's female population, life expectancy is 1.1 years more than for the U.S. female population.

For New Mexico males, life expectancy is highest for the non-Hispanic White, while for females, it is highest for the Hispanic White (Figure 3.2).

New Mexico life expectancy data is based on a 3-year (1979-1981) average mortality and race/ethnic population based on the 1980 Census (Table 3.3).

FIGURE 3.2
AVERAGE LIFETIME IN YEARS NEW MEXICO 1979-1981 UNITED STATES 1981



LEADING CAUSES OF DEATH

The leading causes of death in 1989 in New Mexico and the United States are ranked in Table 3.4.

TABLE 3.3
AVERAGE YEARS OF LIFE REMAINING NEW MEXICO RESIDENTS BASED ON THREE-YEAR AVERAGE (1979-1981) MORTALITY RATES

Sex/Race	All RACES	Non-Hispanic White	Hispanic White	Black	Indian
Male:					
0 - 1	70.3	71.0	70.6	68.2	64.2
1 - 4	70:2	70.9	70.5	68.8	64.2
5 - 14	66.4	67.1	66.7	65.0	60.6
15 - 24	56.7	57.4	57.0	55.6	51.0
25 - 34	48.2	48.6	48.4	46.5	43.9
35 - 44	39.4	39.5	39.8	37.5	36.5
45 - 54	30.6	30.4	31.2	28.7	29.8
55 - 64	22.5	22.1	23.2	21.5	23.1
65 - 74	15.4	15.0	16.1	15.6	17.1
75 - 84	9.7	9.3	10.3	10.8	11.0
85 +	5.6	5.3	5.9	6.0	6.3
Female:					
0 - 1	79.0	79.0	79.5	77.4	77.7
1 - 4	78.8	78.8	79.2	77.6	77.7
5 - 14	75.0	75.0	75.4	74.0	74.1
15 - 24	65.3	65.2	65.6	64.2	64.5
25 - 34	55.7	55.6	55.9	54.6	55.1
35 - 44	46.1	46.0	46.4	45.2	46.3
45 - 54	36.8	36.7	37.0	35.9	37.6
55 - 64	28.0	27.9	27.9	27.4	29.7
65 - 74	19.9	19.8	19.8	20.2	22.3
75 - 84	12.8	12.6	12.8	14.4	14.9
85 +	7.4	7.1	7.6	10.3	10.9

TABLE 3.4
NEW MEXICO RESIDENTS, 1989 UNITED STATES 1989, PROVISIONAL DEATH RATES FROM LEADING CAUSES

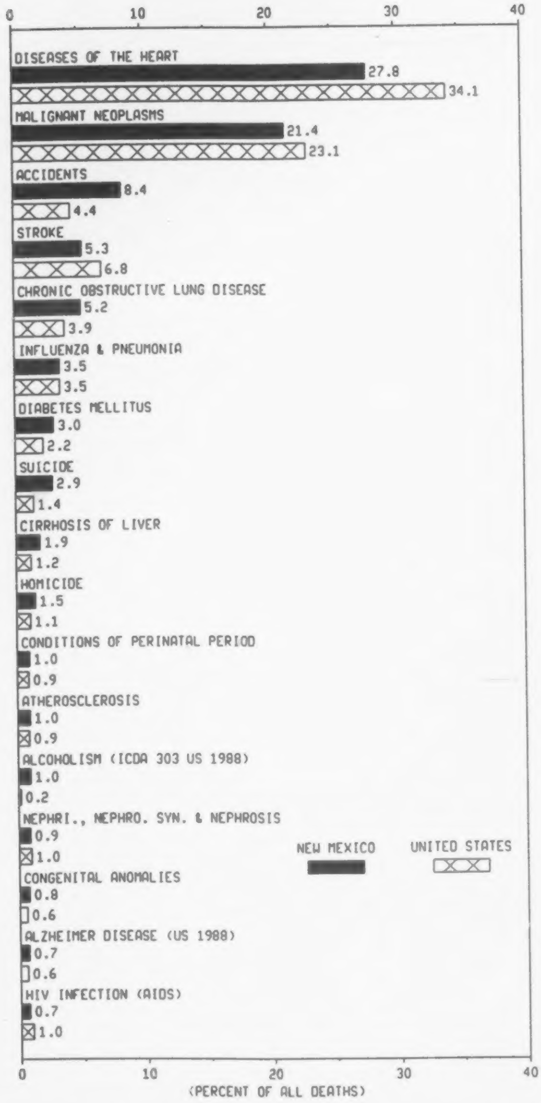
NEW MEXICO				UNITED STATES		
CRUDE DEATH RATE*	PERCENT OF TOTAL DEATHS	RANK	CAUSE OF DEATH	CRUDE DEATH RATE*	PERCENT OF TOTAL DEATHS	RANK
686.1	100.0%	XXX	ALL CAUSES	868.1	100.0%	XXX
190.5	27.8	1	Diseases of the Heart	296.3	34.1	1
146.4	21.4	2	Malignant Neoplasms	200.3	23.1	2
57.3	8.4	3	Accidents	38.2	4.4	4
(30.9)	(4.5)		Motor Vehicle Accidents	(19.7)	(2.3)	
(26.5)	(3.9)		All Other Accidents	(18.5)	(2.1)	
36.0	5.3	4	Cerebrovascular Diseases	59.4	6.8	3
35.3	5.2	5	Chronic Obstructive Pulmonary Disease and Allied Conditions	34.0	3.9	5
23.8	3.5	6	Influenza & Pneumonia	30.3	3.5	6
20.4	3.0	7	Diabetes Mellitus	18.8	2.2	7
19.6	2.9	8	Suicide	12.6	1.4	8
13.2	1.9	9	Chronic Liver Disease & Cirrhosis	10.6	1.2	9
10.5	1.5	10	Homicide	9.3	1.1	10
6.7	1.0	11	Certain Conditions Originating in the Perinatal Period	7.5	0.9	15
6.7	1.0	11	Atherosclerosis	7.7	0.9	13
6.6	1.0	13	Alcoholism**	1.9	0.2	XXX
6.1	0.9	14	Nephritis, Nephrotic Syndrome and Nephrosis	8.6	1.0	11
5.4	0.8	15	Congenital Anomalies	5.1	0.6	16
4.8	0.7	16	Alzheimer's Disease**	5.0	0.6	XXX
4.6	0.7	17	HIV Infection (AIDS)	8.6	1.0	11
3.7	0.5	18	Septicemia	7.7	0.9	13

*Rate per 100,000 population

**Includes only deaths coded 303, "Alcohol Dependence Syndrome", according to the Ninth Revision International Classification of Diseases. Deaths due to alcoholic cirrhosis are included in the category "Chronic Liver Disease and, Cirrhosis." U.S. figure for category 303 (Alcoholism) and category 331.0 (Alzheimer's Disease) are based on 1988 data.

A detailed listing of causes of death in New Mexico is found in Table A-9 of the Appendix. The percentages of deaths in 1989 for leading causes are displayed graphically in Figure 3.3.

FIGURE 3.3
LEADING CAUSES OF DEATH
NEW MEXICO RESIDENTS 1989
UNITED STATES 1989

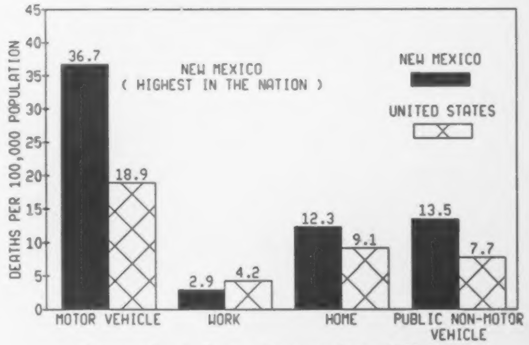


Diseases of the heart and malignant neoplasms rank one and two for both New Mexico and the United States, although these two causes account for lower percentages of deaths in New Mexico than nationally.

Nationally, stroke ranks as the third major cause of death, but in New Mexico accidents rank third, accounting for almost twice the percentage of deaths than for the nation as a whole.

New Mexico's fatality rate for accidental deaths by place of occurrence ranks second highest among the states, as the State ranks highest in motor vehicle accident fatalities per 100,000 population.

FIGURE 3.4
PRINCIPAL CLASSES OF ACCIDENTAL DEATHS
NEW MEXICO AND UNITED STATES
1989
(Death Rate Per 100,000 Population)



Source of U.S. Data - Accident Facts 1990 Edition

As noted in Table 3.5 on the next page, the State's crude death rate in 1989 (684.1 deaths per hundred thousand population) was 0.7% lower than the 1988 rate (688.9). Decreases in rates were noted for the leading causes in 1989 from the prior year for the following: accidents decreased 2%, cerebrovascular disease decreased 13%, suicide decreased 15%, homicide decreased 6%, atherosclerosis decreased 11%, certain conditions originating in the perinatal period decreased 13%, nephritis, nephrotic syndrome and nephrosis decreased 10%, congenital anomalies decreased 22% and septicemia decreased 21%. Increases were noted for the other leading causes.

The ranking for the top six leading causes remained the same as for the previous year.

The percentage of deaths for leading causes showed marked variation among New Mexico's various ethnic/racial groups (Table 3.6).

Accidents are by far the leading cause of death among Indians; alcoholism, homicide, suicide, cirrhosis, influenza and pneumonia, and diabetes were also notably high, while the percentages of deaths due to diseases of the heart, neoplasms and stroke were comparatively low. The percentages for homicides and diabetes are also high among Blacks and Hispanics. Hispanics showed the second highest percentages of deaths due to cirrhosis of the liver and accidents. Non-Hispanic Whites showed the highest percentages of deaths due to heart disease and malignant neoplasms.

TABLE 3.5
NEW MEXICO RESIDENTS DEATH RATES FROM LEADING CAUSES
1987-1989

CAUSE OF DEATH	1989 CRUDE DEATH RATE	RANK	1988 CRUDE DEATH RATE	RANK	1987 CRUDE DEATH RATE	RANK
ALL CAUSES	684.1	xx	688.9	xx	688.3	xx
DISEASES OF HEART	190.5	1	186.2	1	187.8	1
MALIGNANT NEOPLASMS	146.4	2	146.1	2	145.7	2
ACCIDENTS	57.3	3	58.4	3	61.1	3
CEREBROVASCULAR DISEASE	36.0	4	41.6	4	38.7	4
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	35.3	5	30.0	5	35.8	5
INFLUENZA AND PNEUMONIA	23.8	6	23.3	6	24.2	6
DIABETES MELLITUS	20.4	7	18.4	8	18.0	8
SUICIDE	19.6	8	23.0	7	20.1	7
CHRONIC LIVER DISEASE AND CIRRHOSIS	13.2	9	13.0	9	13.9	9
HOMICIDE	10.5	10	11.2	10	10.3	10
ATHEROSCLEROSIS	6.7	11	7.5	12	6.3	13
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	6.7	11	7.7	11	6.6	12
ALCOHOLISM*	6.6	13	4.5	16	4.7	15
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	6.1	14	6.8	14	7.2	11
CONGENITAL ANOMALIES	5.4	15	6.9	13	5.7	14
ALZHEIMERS DISEASE	4.8	16	4.5	16	3.8	17
HIV INFECTION (AIDS)	4.6	17	2.3	xx	2.1	xx
SEPTICEMIA	3.7	18	4.7	15	3.9	16

---

* Includes only deaths coded 303, "Alcohol Dependence Syndrome", according to the Ninth Revision International Classification of Diseases. Deaths due to alcoholic cirrhosis are included in the category "Chronic Liver Disease and Cirrhosis."

CRUDE DEATH RATES PER 100,000 POPULATION.

Table 3.7 on the following page presents the leading causes of death ranked by crude death rates for the United States and New Mexico. Also presented are New Mexico age-adjusted rates. The reader will note the difference made by the age-adjustment of the rates. New Mexico data are based on a three year, 1987-89 average, and are age-adjusted to the 1988 U.S. population.

Heart disease and cancer ranked first and second as the leading causes of death for all of New Mexico race/ethnic groups except for the Indian for whom accidents were the leading cause of death. Accidents ranked third for the State's Hispanic White population, and fourth for the non-Hispanic White and Black populations. The percentage of accidental deaths involving motor vehicles were generally higher for the State's various race/ethnic populations than nationally. Suicide rates were notably high for the White and Indian. Homicide rates for the Hispanic, Black, and Indian were also high. Alcoholism and cirrhosis of the liver rates were notably high for New Mexico's Hispanic and Indian populations.

Mortality due to heart disease was highest in the State among Black males and females. COPD mortality rates were substantially higher than those nationally for non-Hispanic White of both sexes. Diabetes mellitus rates were particularly high for the Hispanic, Black and Indian populations.

TABLE 3.6
NEW MEXICO RESIDENT DEATHS PERCENTAGE DISTRIBUTION OF DEATHS BY CAUSE, ETHNIC/RACE
1987-1989 AGGREGATE

CAUSE	PERCENTAGE DISTRIBUTION FOR EACH ETHNIC/RACE				
	ALL RACES	White		BLACK	INDIAN
		Non-Hispanic	Hispanic		
ALL CAUSES	100.0%	100.0%	100.0%	100.0%	100.0%
Diseases of the Heart	27.4	30.5	24.3	25.1	13.9
Malignant Neoplasms	21.2	23.1	19.3	20.7	12.8
Accidents	8.6	6.0	10.6	6.9	23.4
(Motor Vehicle)	(4.7)	(2.9)	(6.4)	(3.7)	(14.5)
(All Other Accidents)	(3.9)	(3.1)	(4.2)	(3.2)	(8.9)
Cerebrovascular Disease	5.6	5.9	5.4	7.1	3.5
Chronic Obstructive Pulmonary Diseases and Allied Conditions	4.9	6.3	3.0	2.7	0.9
Influenza & Pneumonia	3.4	3.5	3.2	1.9	3.9
Suicide	3.0	2.7	3.6	1.6	3.7
Diabetes Mellitus	2.8	2.1	3.8	3.9	4.1
Chronic Liver Disease and Cirrhosis	1.9	1.1	3.1	0.7	4.7
Homicide	1.6	0.9	2.5	4.4	2.9
Certain Conditions Originating in the Perinatal Period	1.0	0.6	1.6	3.0	2.4
Atherosclerosis	1.0	1.1	0.9	0.9	0.3
Nephritis, Nephrotic Syndrome and Nephrosis	1.0	0.8	1.1	2.1	1.4
Congenital Anomalies	0.9	0.5	1.3	2.5	2.1
Alcoholism	0.8	0.4	1.0	0.2	3.4
Septicemia	0.6	0.5	0.7	0.7	1.0
Alzheimer's Disease	0.6	0.9	0.3	0.5	0.0
HIV Infection (AIDS)	0.4	0.4	0.6	0.9	0.1
All Other	13.2	12.6	13.7	14.2	15.7

Trends in death rates for selected leading causes of death over a 20 year span are presented in Figure 3.5.

The death rate from diseases of the heart peaked in the early Seventies and had since shown a general decline up through 1981, however the rate has increased notably since 1981. Some of this increase results from reporting changes, as corroborated by investigation of the decreasing number of deaths reported in the "symptoms, signs, and ill-defined condition" category. In 1989 the death rate from diseases of the heart increased 2.3% from the prior year.

The State's mortality rate from cancer had shown a general decrease from 1982 thru 1985, but increased each year since then, reaching its highest level ever of 146.4 in 1989, an increase of 10% over the 1985 rate.

Since peaking in the early Seventies, accident mortality in New Mexico has dropped markedly, leveling off somewhat the last few years - decreasing 2% in 1989 compared to 1988. Both non-motor vehicle accident mortality and motor vehicle accident mortality decreased from the previous year.

Stroke mortality has dropped dramatically since the mid-Seventies, leveling off somewhat to a fluctuating pattern in the Eighties, decreasing 13.5% in 1989.

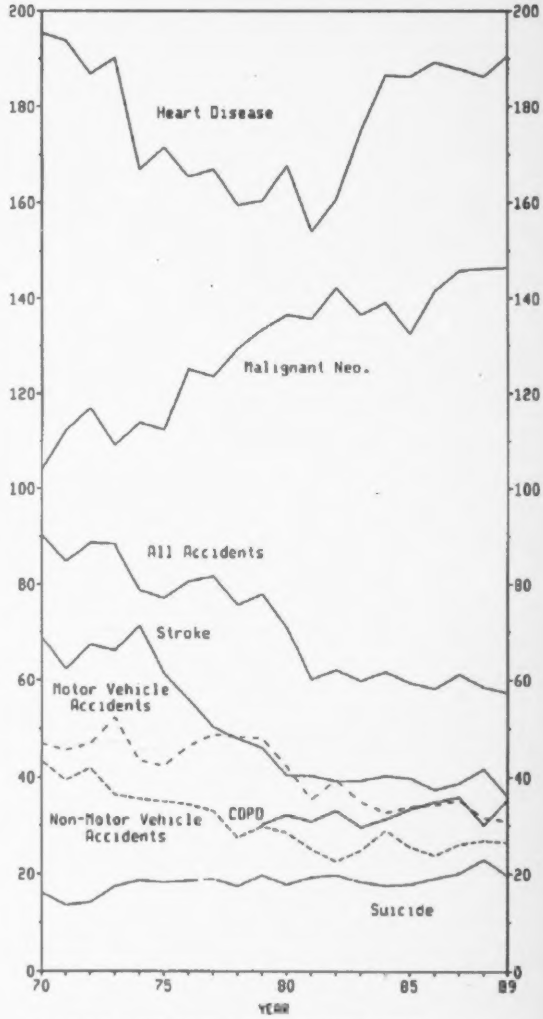
Suicide mortality in New Mexico in 1989 decreased 15% from the 1988 rate, but has increased 22% since 1970 and presently ranks as the 8th leading cause in the State.

TABLE 3.7
NEW MEXICO RESIDENTS
CRUDE & AGE-ADJUSTED DEATH RATES BY NEW MEXICO ETHNIC / RACE
New Mexico Residents 1987-1989 Average
United States 1988

RATES PER 100,000 POPULATION	CRUDE DEATH RATE	NEW MEXICO ADJUSTED DEATH RATE		
		TOTAL	MALE	FEMALE
UNITED STATES:				
All Causes	882.0	XXX	940.0	826.9
Heart Disease	311.3	XXX	321.9	301.2
Malignant Neoplasms	197.3	XXX	215.5	180.0
Cerebrovascular	61.2	XXX	49.9	72.0
Accidents	39.5	XXX	55.0	24.8
(% Motor Vehicle)	(50.6)	XXX	(52.0)	(47.6)
COPD	33.7	XXX	40.9	26.9
Influenza & Pneumonia	31.6	XXX	30.8	32.4
Diabetes Mellitus	16.4	XXX	14.2	18.6
Suicide	12.4	XXX	20.1	5.0
Cirrhosis of Liver	10.7	XXX	14.4	7.3
Nephritis, Nephrotic Syndrome and Nephrosis	9.1	XXX	9.1	9.1
Homicide	9.0	XXX	14.0	4.2
Atherosclerosis	9.0	XXX	7.0	10.9
NEW MEXICO-ALL RACES:				
All Causes	691.5	807.2	852.5	753.9
Heart Disease	189.4	229.1	233.0	222.6
Malignant Neoplasms	146.8	171.1	176.0	163.3
Accidents	59.4	63.1	90.5	36.5
(% Motor Vehicle)		(53.2)	(54.1)	(51.8)
Cerebrovascular	39.0	47.9	35.7	59.9
COPD	33.9	40.4	43.9	35.7
Influenza & Pneumonia	23.8	29.7	24.9	33.5
Suicide	21.0	22.2	35.4	9.2
Diabetes Mellitus	19.1	22.5	20.8	23.9
Cirrhosis of Liver	13.4	14.9	19.3	10.6
Homicide	10.7	11.0	17.1	5.1
Certain Conditions Originating In The Perinatal Period	7.1	6.2	7.4	5.1
Nephritis, Nephrotic Syndrome and Nephrosis	6.8	8.2	7.6	8.6
NON-HISPANIC WHITE:				
All Causes	809.2	779.6	817.5	741.8
Heart Disease	246.2	237.1	246.5	227.6
Malignant Neoplasms	186.8	173.7	184.4	163.2
COPD	51.1	48.0	54.3	41.8
Accidents	48.7	47.9	66.0	30.4
(% Motor Vehicle)		(48.6)	(49.5)	(46.1)
Cerebrovascular	48.0	47.2	35.2	59.1
Influenza & Pneumonia	28.6	28.7	23.5	33.5
Suicide	22.2	21.6	32.8	10.5
Diabetes Mellitus	17.0	16.1	16.5	15.7
Atherosclerosis	9.2	9.2	6.9	11.4
Cirrhosis of Liver	9.1	8.4	10.5	6.2
Homicide	7.2	7.2	9.8	4.7
Alzheimer's Disease	7.0	6.9	5.8	7.8
HISPANIC WHITE:				
All Causes	557.4	809.8	851.1	754.4
Heart Disease	135.5	218.4	213.0	221.0
Malignant Neoplasms	107.6	165.3	162.7	161.9
Accidents	59.3	67.7	101.6	34.6
(% Motor Vehicle)		(55.8)	(56.7)	(54.0)
Cerebrovascular	30.4	48.7	35.8	61.7
Diabetes Mellitus	21.2	33.3	25.7	41.1
Suicide	19.9	21.1	35.8	7.1
Influenza & Pneumonia	18.0	29.1	24.6	31.5
Cirrhosis of Liver	17.4	24.4	33.3	16.1
COPD	16.8	27.2	27.5	24.6
Homicide	13.7	14.8	24.8	5.3
Certain Conditions Originating In The Perinatal Period	8.7	6.0	6.9	5.0
Congenital Anomalies	7.2	5.6	6.2	5.0
BLACK:				
All Causes	680.2	1035.6	1020.9	1033.4
Heart Disease	171.0	292.5	288.4	288.1
Malignant Neoplasms	140.9	227.1	243.1	206.5
Cerebrovascular	48.2	85.0	69.0	98.3
Accidents	47.0	56.8	74.2	37.3
(% Motor Vehicle)		(52.5)	(51.3)	(57.1)
Homicide	30.1	31.3	38.3	23.0
Diabetes Mellitus	26.5	40.9	36.1	45.3
Certain Conditions Originating In The Perinatal Period	20.5	12.7	12.2	13.2
COPD	18.1	29.5	22.1	36.0
Congenital Anomalies	16.9	11.7	20.7	2.8
Nephritis, Nephrotic Syndrome and Nephrosis	14.4	26.3	18.8	32.1
Influenza & Pneumonia	13.2	21.3	18.8	25.4
Suicide	10.8	10.2	16.8	2.8
INDIAN:				
All Causes	590.9	991.2	1174.5	816.1
Accidents	138.1	177.9	265.4	101.1
(% Motor Vehicle)		(56.0)	(56.6)	(56.1)
Heart Disease	82.0	174.0	199.8	143.9
Malignant Neoplasms	75.5	149.9	138.3	162.2
Cirrhosis of Liver	28.1	41.8	46.9	37.9
Diabetes Mellitus	24.0	50.0	69.8	50.1
Influenza & Pneumonia	22.9	49.9	51.5	47.9
Suicide	22.1	23.9	47.4	3.8
Cerebrovascular	20.4	45.9	45.7	43.9
Alcoholism	19.9	28.7	48.2	11.7
Homicide	17.2	20.2	33.4	7.9
Certain Conditions Originating In The Perinatal Period	13.9	6.7	10.0	3.6
Congenital Anomalies	12.3	7.7	9.2	6.1

COPD - Chronic Obstructive Pulmonary Disease

FIGURE 3.5
NEW MEXICO RESIDENT DEATHS CRUDE DEATH RATES PER 100,000 POPULATION SELECTED CAUSES 1970-1989



* C.O.P.D. - CHRONIC OBSTRUCTIVE PULMONARY DISEASE; reporting in this category began in 1979

LEADING CAUSES BY AGE

Fifty-eight percent more deaths in New Mexico occurred to persons under 35 years of age than did nationally. Of the deaths occurring nationally, 7.1% were persons under 35 years. In New Mexico, 11.2% were under age 35 (Table 3.8).

Among the Indian population, the percentage of deaths for ages under 35 was 33.3% for males, and 24.0% for females, the highest for this age group as compared to the State's other ethnic populations.

Nationally, 78.7% of female deaths were 65 or older. In New Mexico, the highest percentage of deaths for women 65 or older was for non-Hispanic White females at 78.8%. Only 48.5% of the deaths for Indian women occurred at age 65 or older. Rates of mortality by cause of death are presented by age groups in Tables 3.9 to 3.16.

TABLE 3.8
PERCENTAGE OF DEATHS BY AGE GROUPS SEX AND RACE / ETHNIC GROUPS NEW MEXICO RESIDENTS 1987-1989 UNITED STATES 1988

SEX/RACE	TOTAL	PERCENTAGE DISTRIBUTION BY AGE GROUPS				
		< 1	1-14	15-34	35-64	65+
NEW MEXICO						
TOTAL	31,261	2.3%	1.4%	7.5%	23.0%	65.8%
Male						
All Races	17,245	2.5	1.5	10.2	26.1	59.8
Non-Hispanic White	10,226	1.3	0.9	5.6	24.2	68.0
Hispanic White	5,304	3.4	2.1	15.6	27.9	51.0
Black	308	7.5	1.0	11.7	32.8	47.1
Indian	1,367	5.7	3.4	24.2	30.7	36.0
Female						
All Races	14,016	2.2	1.2	4.1	19.2	73.3
Non-Hispanic White	9,170	1.2	0.7	2.4	16.9	78.8
Hispanic White	3,746	3.5	1.6	5.9	22.3	66.8
Black	257	5.1	2.7	7.8	27.6	56.8
Indian	802	5.5	4.7	13.8	27.4	48.5
UNITED STATES						
TOTAL	XXX	1.8	0.8	4.5	21.4	71.5
Male						
Total	XXX	2.0	0.9	6.4	25.9	64.9
White	XXX	1.5	0.7	5.5	24.4	67.8
Other	XXX	4.5	1.6	11.6	35.0	47.3
Female						
Total	XXX	1.6	0.6	2.5	16.6	78.7
White	XXX	1.2	0.5	2.0	15.1	81.1
Other	XXX	4.5	1.4	5.5	27.3	61.3

AGES LESS THAN ONE

Mortality for infants less than one year of age is lower for the State than for the nation except for higher rates for New Mexico Black and Indian males and Black females. The death rate is higher for males than for females. Accident mortality statewide is 9% lower than nationally, but with a higher percentage involving motor vehicles. Accident mortality for Indians and non-Hispanic Whites exceeds national levels. Further analysis of infant deaths per live births is presented in the section on infant mortality.

TABLE 3.9
AGES UNDER 1 YEAR AGE- SPECIFIC DEATH RATES LEADING CAUSES BY NEW MEXICO ETHNIC/RACE
New Mexico Residents 1987-1989 Average United States 1988

NEW MEXICO ETHNIC/RACE	RATE/100,000 POPULATION TOTAL	MALE	FEMALE
UNITED STATES			
All Causes:	1008.3	1113.7	897.7
Certain Conditions Originating In The Perinatal Period	467.4	520.2	411.9
Congenital Anomalies	211.0	221.9	199.5
Sudden Infant Death Syndrome (SIDS)	141.9	166.8	115.8
All Accidents	24.3	26.8	21.6
(% Motor Vehicle)	(23.0)	(22.4)	(24.1)
Heart Disease	22.6	24.6	20.4
Influenza & Pneumonia	16.6	19.3	13.8
Homicide	8.2	7.6	8.7
Septicemia	6.3	6.8	5.8
Nephritis, Nephrotic Syndrome and Nephrosis	5.6	5.7	5.6
Meningitis	5.3	5.6	5.0
NEW MEXICO-ALL RACES			
All Causes:	895.7	1020.4	766.0
Certain Conditions Originating In The Perinatal Period	390.0	443.9	334.0
Congenital Anomalies	231.3	243.6	218.5
Sudden Infant Death Syndrome (SIDS)	144.0	171.3	115.5
All Accidents	22.1	28.9	15.1
(% Motor Vehicle)	(33.3)	(25.0)	(50.0)
Homicide	18.5	26.5	10.0
Meningitis	12.3	21.7	2.5
Influenza & Pneumonia	11.1	9.6	12.6
Malignant Neoplasms	7.4	7.2	7.5
Heart Disease	4.9	2.4	7.5
Septicemia	4.9	4.8	5.0
WHITE-Non-Hispanic			
All Causes:	873.9	934.5	810.8
Certain Conditions Originating In The Perinatal Period	365.6	395.6	334.3
Congenital Anomalies	212.4	204.6	220.5
Sudden Infant Death Syndrome (SIDS)	153.2	150.1	156.5
All Accidents	24.4	34.1	14.2
(% Motor Vehicle)	(14.3)	(20.0)	(--)
Influenza & Pneumonia	13.9	13.6	14.2
Homicide	13.9	27.3	--
Meningitis	10.4	20.5	--
Heart Disease	10.4	6.8	14.2
Septicemia	10.4	6.8	14.2
Malignant Neoplasms	10.4	13.6	7.1
WHITE-Hispanic			
All Causes:	831.3	947.7	710.7
Certain Conditions Originating In The Perinatal Period	370.4	408.4	330.9
Congenital Anomalies	223.8	230.4	217.0
Sudden Infant Death Syndrome (SIDS)	133.2	183.3	81.4
Homicide	18.7	20.9	16.3
All Accidents	16.0	15.7	16.3
(% Motor Vehicle)	(50.0)	(33.3)	(66.7)
Meningitis	13.3	20.9	5.4
Malignant Neoplasms	8.0	5.2	10.9
BLACK			
All Causes:	1709.4	[illegible]	1274.5
Certain Conditions Originating In The Perinatal Period	807.2	736.6	882.4
Congenital Anomalies	522.3	920.8	98.0
Sudden Infant Death Syndrome (SIDS)	189.9	184.2	196.1
Homicide	95.0	92.1	98.0
INDIAN			
All Causes:	1028.0	1282.7	760.3
Certain Conditions Originating In The Perinatal Period	429.7	608.5	241.9
Congenital Anomalies	261.2	279.6	241.9
Sudden Infant Death Syndrome (SIDS)	160.1	197.3	121.0
All Accidents	42.1	65.8	17.3
(% Motor Vehicle)	(40.0)	(25.0)	(100.0)
Influenza & Pneumonia	25.3	16.4	34.6
Homicide	16.9	32.9	--
Meningitis	16.9	32.9	--

AGES 1 TO 4

Accidents are the leading cause of death for this age group. Rates for New Mexicans were higher than nationally with a larger percentage involving motor vehicles. Especially high were the overall mortality rates for Indians. Mortality rates in this age group were higher for males.

TABLE 3.10
AGES 1 - 4
AGE-SPECIFIC DEATH RATES LEADING CAUSES BY NEW MEXICO ETHNIC/RACE
New Mexico Residents 1987-1989 Average
United States 1988

	RATE/100,000 POPULATION		
NEW MEXICO ETHNIC/RACE	TOTAL	MALE	FEMALE
UNITED STATES			
All Causes:	50.9	56.5	45.0
All Accidents	19.6	23.1	15.9
(% Motor Vehicle)	(35.2)	(31.6)	(40.9)
Congenital Anomalies	6.3	6.8	5.6
Malignant Neoplasms	3.7	3.8	3.7
Homicide	2.6	2.9	2.3
Heart Disease	2.4	2.4	2.5
Influenza & Pneumonia	1.3	1.2	1.3
Meningitis	0.9	1.0	0.7
Certain Conditions Originating In The Perinatal Period	0.9	1.1	0.7
NEW MEXICO-ALL RACES			
All Causes:	55.2	62.7	47.3
All Accidents	21.6	27.7	15.2
(% Motor Vehicle)	(39.5)	(38.0)	(42.3)
Congenital Anomalies	7.1	8.9	5.3
Homicide	4.3	3.9	4.7
Malignant Neoplasms	4.0	3.3	4.7
Meningitis	2.6	4.6	0.6
Influenza & Pneumonia	1.4	1.1	1.8
Heart Disease	1.1	--	2.3
Benign Neoplasms	1.1	1.2	1.1
WHITE-Non-Hispanic			
All Causes:	50.4	61.2	39.0
All Accidents	16.1	22.8	9.0
(% Motor Vehicle)	(36.4)	(43.8)	(16.7)
Congenital Anomalies	7.3	8.5	6.0
Homicide	5.8	5.7	6.0
Malignant Neoplasms	4.4	4.3	4.5
Meningitis	2.9	4.3	1.5
Heart Disease	2.2	--	4.5
WHITE-Hispanic			
All Causes:	49.4	58.5	39.5
All Accidents	21.2	30.0	11.9
(% Motor Vehicle)	(39.4)	(33.3)	(55.6)
Congenital Anomalies	4.5	5.0	4.0
Homicide	3.2	3.8	2.6
Malignant Neoplasms	3.2	2.5	4.0
Meningitis	3.2	6.3	--
BLACK			
All Causes:	47.1	23.0	72.6
Malignant Neoplasms	11.8	--	24.2
Homicide	11.8	--	24.2
Congenital Anomalies	11.8	--	24.2
Otitis Media	11.8	23.0	--
INDIAN			
All Causes:	89.1	84.7	93.7
All Accidents	41.3	33.9	49.1
(% Motor Vehicle)	(42.1)	(37.5)	(45.5)
Congenital Anomalies	15.2	25.4	4.5
Malignant Neoplasms	4.3	4.2	4.5
Benign Neoplasms	4.3	4.2	4.5

AGES 5 TO 14

Accident mortality for New Mexico is 42% higher than nationally as accidents are the leading cause of death for this age group. The overall mortality rates in the State were highest for Indian males and Black females. Motor vehicles were involved in a greater percentage of New Mexico accident fatalities than nationally. Overall State mortality rates were higher for males than females in this age group.

TABLE 3.11
AGES 5 - 14
AGE-SPECIFIC DEATH RATES LEADING CAUSES BY NEW MEXICO ETHNIC/RACE
New Mexico Residents 1987-1989 Average
United States 1988

	RATE/100,000 POPULATION		
NEW MEXICO ETHNIC/RACE	TOTAL	MALE	FEMALE
UNITED STATES			
All Causes:	25.8	30.9	20.4
All Accidents	12.2	15.7	8.4
(% Motor Vehicle)	(57.4)	(55.4)	(61.9)
Malignant Neoplasms	3.2	3.6	2.7
Congenital Anomalies	1.4	1.6	1.3
Homicide	1.3	1.5	1.1
Heart Disease	0.9	1.1	0.8
Suicide	0.7	1.0	0.7
Influenza & Pneumonia	0.4	0.4	0.3
NEW MEXICO-ALL RACES			
All Causes:	31.4	39.0	23.6
All Accidents	17.3	22.8	11.6
(% Motor Vehicle)	(66.1)	(60.0)	(78.6)
Malignant Neoplasms	4.1	6.2	1.9
Homicide	2.9	2.7	3.0
Congenital Anomalies	1.1	1.1	1.1
Heart Disease	0.8	0.5	1.1
Suicide	0.7	1.3	--
WHITE-Non-Hispanic			
All Causes:	28.9	34.3	23.2
All Accidents	15.9	19.0	12.6
(% Motor Vehicle)	(67.3)	(53.3)	(89.5)
Homicide	4.2	3.8	4.6
Malignant Neoplasms	2.9	5.1	0.7
Heart Disease	1.3	0.6	2.0
Suicide	1.0	1.9	--
WHITE-Hispanic			
ALL Causes:	28.5	38.2	18.4
All Accidents	14.7	23.4	5.7
(% Motor Vehicle)	(68.1)	(68.4)	(66.7)
Malignant Neoplasms	5.3	6.8	3.8
Homicide	1.6	2.5	0.6
Congenital Anomalies	1.6	1.2	1.9
Stroke	0.6	--	1.3
BLACK			
All Causes:	40.2	26.3	54.7
All Accidents	26.8	26.3	27.3
(% Motor Vehicle)	(50.0)	(--)	(100.0)
Homicide	13.4	--	27.3
INDIAN			
All Causes:	53.4	66.1	40.9
All Accidents	32.8	36.7	28.9
(% Motor Vehicle)	(63.0)	(60.0)	(66.7)
Malignant Neoplasms	4.9	9.8	--
Congenital Anomalies	2.4	2.4	2.4

AGES 15 TO 24

This age group could be termed "the age of violent death". Nationally, accidents are the leading cause of death followed by homicide and suicide. In New Mexico, suicide mortality, which was over twice the national level, ranked second followed by homicide. Mortality rates were much higher for males than for females.

TABLE 3.12
AGES 15 - 24
AGE-SPECIFIC DEATH RATES LEADING CAUSES BY NEW MEXICO ETHNIC / RACE

New Mexico Residents 1987-1989 Average
United States 1988

NEW MEXICO ETHNIC/RACE	RATE/100,000 POPULATION		
	TOTAL	MALE	FEMALE
UNITED STATES			
All Causes:	102.1	151.0	52.1
All Accidents	49.5	75.1	23.3
(% Motor Vehicle)	(77.8)	(75.4)	(86.3)
Homicide	15.4	24.7	6.0
Suicide	13.2	21.9	4.2
Malignant Neoplasms	5.1	5.9	4.2
Heart Disease	2.9	3.8	2.1
HIV Infection (AIDS)	1.4	2.4	0.5
Congenital Anomalies	1.3	1.4	1.1
Cerebrovascular	0.7	0.8	0.7
Influenza & Pneumonia	0.7	0.8	0.7
NEW MEXICO-ALL RACES			
All Causes:	136.7	207.0	64.3
All Accidents	72.3	109.8	33.7
(% Motor Vehicle)	(81.3)	(77.9)	(92.4)
Suicide	29.0	48.7	8.8
Homicide	14.7	22.3	6.8
Malignant Neoplasms	4.9	5.5	4.3
Heart Disease	1.4	1.4	1.4
Abuse of Drugs	1.4	2.8	--
Congenital Anomalies	1.1	1.7	0.6
Influenza & Pneumonia	0.8	0.6	1.1
WHITE-Non-Hispanic			
All Causes:	87.4	122.2	50.9
All Accidents	47.3	71.3	22.1
(% Motor Vehicle)	(83.5)	(82.0)	(88.9)
Suicide	18.6	28.6	8.0
Homicide	7.5	8.2	6.7
Malignant Neoplasms	4.2	5.3	3.1
Heart Disease	1.8	1.8	1.8
Congenital Anomalies	0.9	0.6	1.2
COPD	0.6	--	1.2
WHITE-Hispanic			
All Causes:	163.7	256.5	69.1
All Accidents	81.3	122.1	39.8
(% Motor Vehicle)	(81.3)	(77.5)	(93.0)
Suicide	38.4	65.8	10.5
Homicide	19.4	32.2	6.3
Malignant Neoplasms	4.8	6.2	3.5
Abuse of Drugs	2.4	4.8	--
Influenza & Pneumonia	1.7	1.4	2.1
Heart Disease	1.4	1.4	1.4
Congenital Anomalies	1.4	2.7	--
Hereditary Progressive Muscular Dystrophy	1.4	2.7	--
BLACK			
All Causes:	97.1	131.3	54.5
Suicide	30.3	54.7	--
All Accidents	24.3	32.8	13.6
(% Motor Vehicle)	(75.0)	(66.7)	(--)
Homicide	18.2	21.9	13.6
Malignant Neoplasms	6.1	--	13.6
Congenital Anomalies	6.1	10.9	--
Abuse of Drugs	6.1	10.9	--
Systemic Lupus Erythematosus	6.1	--	13.6
INDIAN			
All Causes:	283.5	472.4	107.8
All Accidents	174.8	289.5	68.1
(% Motor Vehicle)	(78.2)	(73.7)	(95.8)
Suicide	42.6	82.3	5.7
Homicide	29.4	51.8	8.5
Malignant Neoplasms	7.3	6.1	8.5
Abuse of Drugs	2.9	6.1	--

....

AGES 25 TO 44

Nationally, accidents, malignant neoplasms and heart disease are the leading causes of death. In New Mexico, accidents, suicide, malignant neoplasms and homicide made up the four leading causes of death. Cirrhosis ranked second for the Indian population. Homicide ranked second for the Black population. HIV infection appeared as a leading cause of death nationally and among New Mexico Blacks, non-Hispanic and Hispanic Whites.

TABLE 3.13
AGES 25 - 44
AGE-SPECIFIC DEATH RATES LEADING CAUSES BY NEW MEXICO ETHNIC / RACE

New Mexico Residents 1987-1989 Average
United States 1988

NEW MEXICO ETHNIC/RACE	RATE/100,000 POPULATION		
	TOTAL	MALE	FEMALE
UNITED STATES			
All Causes:	173.0	243.1	103.7
All Accidents	35.8	56.0	15.9
(% Motor Vehicle)	(58.6)	(56.4)	(66.3)
Malignant Neoplasms	26.3	24.1	28.5
Heart Disease	19.8	29.4	10.3
HIV Infection (AIDS)	15.5	27.9	3.2
Suicide	15.1	24.0	6.2
Homicide	13.7	21.4	6.1
Cirrhosis of Liver	5.9	8.4	3.3
Cerebrovascular	4.3	4.7	3.9
NEW MEXICO-ALL RACES			
All Causes:	204.0	294.7	114.3
All Accidents	59.5	93.9	25.5
(% Motor Vehicle)	(65.6)	(61.8)	(79.2)
Suicide	29.9	47.4	12.6
Malignant Neoplasms	22.0	19.1	24.9
Homicide	15.5	25.6	5.6
Heart Disease	14.2	20.1	8.3
Cirrhosis of Liver	9.9	13.9	6.0
HIV Infection (AIDS)	7.2	13.7	0.7
Alcoholism	7.0	10.7	3.3
Abuse of Drugs	6.7	11.1	2.3
WHITE-Non-Hispanic			
All Causes:	146.7	202.4	90.2
All Accidents	38.6	59.2	17.7
(% Motor Vehicle)	(61.2)	(58.9)	(69.1)
Suicide	27.0	40.7	13.0
Malignant Neoplasms	19.2	17.9	20.5
Heart Disease	13.0	19.2	6.8
Homicide	9.3	12.8	5.7
HIV Infection (AIDS)	6.6	12.6	0.5
Diabetes	3.4	4.1	2.6
Cirrhosis of Liver	3.0	3.6	2.3
Abuse of Drugs	2.7	3.6	1.8
Alcoholism	2.5	3.6	1.3
WHITE-Hispanic			
All Causes:	241.0	368.6	117.3
All Accidents	67.8	112.9	24.1
(% Motor Vehicle)	(66.4)	(62.4)	(84.5)
Suicide	33.6	54.9	12.9
Malignant Neoplasms	24.5	19.7	29.1
Homicide	22.2	40.3	4.6
Abuse of Drugs	14.4	25.3	3.7
Cirrhosis of Liver	13.3	21.0	5.8
Heart Disease	12.7	17.6	7.9
HIV Infection (AIDS)	8.9	17.2	0.8
Alcoholsim	7.6	12.0	3.3
BLACK			
All Causes:	331.0	375.9	277.9
All Accidents	72.1	86.2	55.6
(% Motor Vehicle)	(58.8)	(54.5)	(66.7)
Homicide	55.2	94.0	9.3
Heart Disease	42.4	54.8	27.8
Malignant Neoplasms	21.2	7.8	37.0
HIV Infection (AIDS)	21.2	31.3	9.3
Cerebrovascular	12.7	23.5	--
INDIAN			
All Causes:	475.3	725.4	253.0
All Accidents	190.3	308.1	85.6
(% Motor Vehicle)	(72.0)	(66.7)	(88.9)
Cirrhosis of Liver	51.4	70.6	34.2
Suicide	44.3	83.5	9.5
Alcoholism	42.3	68.5	19.0
Malignant Neoplasms	32.2	30.0	34.2
Homicide	26.2	44.9	9.5
Heart Disease	25.2	32.1	19.0
Diabetes	5.0	8.6	1.9
Influenza & Pneumonia	4.0	4.3	3.8

AGES 45 TO 64

Nationally, cancer, heart disease and stroke are the leading causes of death; in New Mexico accidents rank third. The percentage of motor vehicle accidents remained higher for the State than the nation. Alcoholism, diabetes and cirrhosis appear in the leading causes for various race/ethnic groups.

TABLE 3.14
AGES 45 - 64
AGE-SPECIFIC DEATH RATES LEADING CAUSES BY NEW MEXICO ETHNIC/RACE
New Mexico Residents 1987-1989 Average
United States 1988

NEW MEXICO ETHNIC/RACE	RATE/100,000 POPULATION		
	TOTAL	MALE	FEMALE
UNITED STATES			
All Causes:	841.9	1085.5	617.7
Malignant Neoplasms	296.6	334.6	261.7
Heart Disease	259.3	379.5	148.7
Cerebrovascular	34.4	39.0	30.2
All Accidents	33.0	49.0	18.3
(% Motor Vehicle)	(47.7)	(45.0)	(54.5)
C.O.P.D.	28.1	33.4	23.2
Cirrhosis of Liver	25.6	36.8	15.2
Diabetes	18.7	19.5	18.0
Suicide	15.1	23.3	7.6
NEW MEXICO-ALL RACES			
All Causes:	731.7	928.9	550.8
Malignant Neoplasms	234.9	248.5	222.3
Heart Disease	189.4	280.1	106.1
All Accidents	56.6	90.8	25.3
(% Motor Vehicle)	(51.4)	(49.9)	(56.3)
Cirrhosis of Liver	34.9	49.3	21.6
C.O.P.D.	29.1	29.5	28.7
Cerebrovascular	24.6	25.4	23.8
Diabetes	24.2	25.7	22.8
Suicide	22.9	32.4	14.2
WHITE-Non-Hispanic			
All Causes:	682.1	853.1	522.3
Malignant Neoplasms	243.8	258.1	230.5
Heart Disease	191.0	282.7	105.3
All Accidents	43.6	67.2	21.5
(% Motor Vehicle)	(48.6)	(44.7)	(60.0)
C.O.P.D.	36.9	36.3	37.4
Suicide	25.4	33.0	18.3
Cirrhosis of Liver	19.6	25.9	13.7
Cerebrovascular	18.2	20.9	15.6
Diabetes	12.9	15.9	10.1
Influenza & Pneumonia	8.5	9.6	7.4
WHITE-Hispanic			
All Causes:	768.4	995.5	562.9
Malignant Neoplasms	217.8	231.1	205.8
Heart Disease	184.4	269.9	107.1
All Accidents	62.8	107.2	22.6
(% Motor Vehicle)	(55.9)	(54.3)	(63.0)
Cirrhosis of Liver	58.0	92.4	26.8
Diabetes	39.1	35.1	42.7
Cerebrovascular	36.9	33.3	40.1
Suicide	19.3	31.4	8.4
Alcoholism	15.8	26.8	5.9
BLACK			
All Causes:	1155.4	1366.0	956.2
Malignant Neoplasms	379.4	461.2	302.0
Heart Disease	284.5	372.5	201.3
Diabetes	86.2	71.0	100.7
Cerebrovascular	51.7	35.5	67.1
All Accidents	51.7	71.0	33.6
(% Motor Vehicle)	(16.7)	(25.0)	(--)
C.O.P.D.	43.1	35.5	50.3
INDIAN			
All Causes:	1070.4	1460.9	749.7
All Accidents	190.4	313.9	89.0
(% Motor Vehicle)	(52.7)	(56.4)	(42.1)
Malignant Neoplasms	187.8	171.2	201.5
Heart Disease	175.0	285.3	84.3
Cirrhosis of Liver	100.3	102.7	98.4
Diabetes	66.9	91.3	46.9
Alcoholism	56.6	108.4	14.1
Influenza & Pneumonia	30.9	39.9	23.4
Cerebrovascular	28.3	39.9	18.7

AGES 65 TO 74

By this age, accidents has dropped to the 7th ranked cause of death nationally due to the higher mortality rates for heart disease, cancer, etc., which appear with advancing age.

In New Mexico accidents ranked 5th. Mortality from heart disease and cancer are much lower in the State than nationally. Accident mortality rates were highest for Indians.

TABLE 3.15
AGES 65 - 74
AGE-SPECIFIC DEATH RATES LEADING CAUSES BY NEW MEXICO ETHNIC/RACE
New Mexico Residents 1987-1989 Average
United States 1988

NEW MEXICO ETHNIC/RACE	RATE/100,000 POPULATION		
	TOTAL	MALE	FEMALE
UNITED STATES			
All Causes:	2729.8	3573.8	2056.1
Heart Disease	984.1	1358.1	685.6
Malignant Neoplasms	842.7	1072.7	659.2
Cerebrovascular	154.7	176.5	137.3
C.O.P.D.	151.9	205.9	108.8
Diabetes	62.0	61.8	62.1
Influenza & Pneumonia	59.9	82.5	41.8
All Accidents	50.1	68.6	35.4
(% Motor Vehicle)	(38.3)	(37.2)	(39.8)
NEW MEXICO-ALL RACES			
All Causes:	2375.3	2995.2	1844.9
Malignant Neoplasms	729.4	882.2	598.6
Heart Disease	709.4	983.5	474.9
C.O.P.D.	158.6	189.4	132.3
Cerebrovascular	103.4	101.3	105.2
All Accidents	94.8	133.0	62.2
(% Motor Vehicle)	(33.1)	(32.6)	(34.0)
Diabetes	90.2	90.5	90.0
Influenza & Pneumonia	46.7	55.7	39.0
Cirrhosis of Liver	46.7	59.5	35.7
WHITE-Non-Hispanic			
All Causes:	2387.0	3060.0	1816.7
Malignant Neoplasms	761.0	929.8	618.0
Heart Disease	715.3	1011.3	464.5
C.O.P.D.	195.8	236.7	161.2
Cerebrovascular	95.1	91.7	97.9
All Accidents	81.6	109.9	57.6
(% Motor Vehicle)	(31.2)	(29.9)	(33.3)
Diabetes	62.3	72.5	53.7
Influenza & Pneumonia	46.8	54.4	40.3
Suicide	35.8	61.2	14.4
WHITE-Hispanic			
All Causes:	2361.9	2856.4	1929.8
Heart Disease	734.8	961.2	536.9
Malignant Neoplasms	676.7	800.0	568.8
Diabetes	151.8	124.7	175.4
Cerebrovascular	123.4	118.6	127.6
C.O.P.D	86.5	97.3	77.1
All Accidents	86.5	130.8	47.8
(% Motor Vehicle)	(32.8)	(32.6)	(33.3)
Cirrhosis of Liver	82.3	103.4	63.8
BLACK			
All Causes:	2748.3	3534.4	2114.1
Heart Disease	925.2	1157.8	737.5
Malignant Neoplasms	898.0	1218.8	639.1
All Accidents	190.5	304.7	98.3
(% Motor Vehicle)	(71.4)	(80.0)	(50.0)
Cerebrovascular	136.1	121.9	147.5
Diabetes	136.1	182.8	98.3
C.O.P.D	81.6	60.9	98.3
Nephritis, Nephrotic Syndrome and Nephrosis	54.4	--	98.3
INDIAN			
All Causes:	2348.9	2863.9	1886.5
Malignant Neoplasms	561.2	610.1	517.3
Heart Disease	457.0	694.8	243.6
All Accidents	320.7	457.5	197.8
(% Motor Vehicle)	(35.0)	(33.3)	(38.5)
Diabetes	168.4	152.5	182.6
Cerebrovascular	120.3	152.5	91.3
Influenza & Pneumonia	64.1	50.8	76.1
Cirrhosis of Liver	64.1	50.8	76.1
Septicemia	64.1	101.7	30.4

TABLE 3.16
AGES 75 AND OVER
AGE-SPECIFIC DEATH RATES
LEADING CAUSES BY
NEW MEXICO ETHNIC / RACE
New Mexico Residents 1987- 1989 Average
United States 1988

	RATE/100,000 POPULATION		
NEW MEXICO ETHNIC/RACE	TOTAL	MALE	FEMALE
UNITED STATES			
All Causes:	8512.7	10122.0	7632.6
Heart Disease	3619.3	4098.3	3357.4
Malignant Neoplasms	1390.1	1985.8	1064.4
Cerebrovascular	826.3	794.5	843.7
Influenza & Pneumonia	462.1	553.7	412.0
C.O.P.D.	332.2	555.7	210.0
Diabetes	148.0	146.4	148.9
Atherosclerosis	147.2	138.5	151.9
All Accidents	144.5	186.9	121.4
(% Motor Vehicle)	(20.7)	(24.9)	(17.1)
NEW MEXICO-ALL RACES			
All Causes:	7439.0	8907.5	6516.5
Heart Disease	2606.2	2978.4	2372.3
Malignant Neoplasms	1266.2	1708.1	988.6
Cerebrovascular	661.7	641.4	674.4
C.O.P.D.	446.8	688.5	295.0
Influenza & Pneumonia	435.6	491.8	400.3
All Accidents	219.7	304.8	166.2
(% Motor Vehicle)	(19.5)	(20.9)	(17.8)
Diabetes	196.2	227.2	176.7
Atherosclerosis	138.4	139.9	137.5
WHITE-Non-Hispanic			
All Causes:	7628.5	9525.7	6584.0
Heart Disease	2755.7	3307.5	2451.9
Malignant Neoplasms	1291.5	1850.0	984.0
Cerebrovascular	685.5	670.5	693.8
C.O.P.D.	519.9	858.8	333.3
Influenza & Pneumonia	429.2	475.4	403.7
All Accidents	206.2	296.0	156.8
(% Motor Vehicle)	(18.1)	(18.9)	(17.3)
Diabetes	157.6	201.8	133.3
Atherosclerosis	140.1	139.0	140.7
WHITE-Hispanic			
All Causes:	7056.5	7946.2	6349.9
Heart Disease	2383.4	2525.7	2270.4
Malignant Neoplasms	1233.5	1530.7	997.5
Cerebrovascular	603.8	580.8	622.1
Influenza & Pneumonia	424.5	486.2	375.4
C.O.P.D.	334.8	468.2	228.8
Diabetes	255.1	234.1	271.7
All Accidents	233.2	310.6	171.6
(% Motor Vehicle)	(23.1)	(27.5)	(16.7)
Atherosclerosis	143.5	157.6	132.3
BLACK			
All Causes:	8581.8	8978.3	8273.1
Heart Disease	2935.9	3199.2	2730.9
Malignant Neoplasms	1490.5	1857.6	1204.8
Cerebrovascular	1174.3	1238.4	1124.5
Nephritis, Nephrotic Syndrome and Nephrosis	316.2	309.6	321.3
Diabetes	225.8	309.6	160.6
Influenza & Pneumonia	225.8	103.2	321.3
C.O.P.D.	225.8	206.4	241.0
Atherosclerosis	180.7	--	321.3
INDIAN			
All Causes:	7229.8	8193.8	6323.1
Heart Disease	1832.0	2080.2	1598.7
Malignant Neoplasms	1118.9	1192.3	1049.9
Influenza & Pneumonia	676.3	811.8	548.8
Cerebrovascular	553.3	583.5	524.9
Diabetes	442.6	482.0	405.6
All Accidents	418.0	456.6	381.8
(% Motor Vehicle)	(17.6)	(11.1)	(25.0)
Nephritis, Nephrotic Syndrome and Nephrosis	196.7	253.7	143.2

AGES 75 AND OVER

Heart disease, cancer and stroke ranked in that order as leading causes of death nationally as well as in New Mexico. State rates are lower than nationally for heart disease, cancer and stroke, but higher for C.O.P.D., diabetes and accidents. Overall mortality rates are generally lower than nationally, and lowest for the Hispanic White.

Accident mortality rates in the 75 and older age group are the highest of any age group, but the lower ranking as a cause of death results from higher rates for those causes usually associated with old age. Accident mortality is highest for the Indian. Accident mortality in this age group is high for both males and females, while for younger ages, rates for males had been much higher.

In Tables 3.18 and 3.19 on pages 49 and 50, age and cause specific death rates for the United States and New Mexico's various populations are presented for males and females respectively.

CAUSES BY COUNTY

Age-adjusted mortality rates by sex and county are presented in Table 3.17 on page 47 (for males) and page 48 (for females).

The rates have been age-adjusted to eliminate the effect created by the variations in age structure in the county populations, and are adjusted to the 1988 U.S. population.

The highest overall mortality rates in the State are found in Guadalupe County for males and Cibola County for females.

De Baca County registered the highest accident mortality rates for both males and females.

The highest mortality rates for alcoholism for both males and females were found in McKinley County. Also notably high were the rates for males in Mora, Rio Arriba, Lincoln and Guadalupe counties.

Guadalupe County registered the highest homicide rate for males. For females the homicide rate was highest in Catron County. High mortality rates for suicide for males were noted in several of the State's counties; highest was Harding County. The highest overall suicide rate for females was in Mora County.

Cirrhosis of the liver mortality rates were exceptionally high for Rio Arriba County males and for Otero County females.

Stroke mortality rates are generally higher for females than for males. The highest cancer mortality in the State was for Guadalupe County males and for De Baca County females.

Further breakdowns of selected causes of death by county are presented in Table A-10 through Table A-12 of the Appendix. A breakdown of deaths by county and city is presented in Table A-7.

TABLE 3.17
AGE - ADJUSTED MORTALITY RATES BY SELECTED CAUSES--MALES NEW MEXICO RESIDENTS BY COUNTY 1987 - 1989 AVERAGE

(Rates Per 100,000 Population)

COUNTY	ALL CAUSES	Malignant Neoplasms 140-208	Diabetes Mellitus 250	Alcoholism 303	Diseases of the Heart 390-398 402, 404 410-429	Cerebro-vascular Disease 430-438	Athero-sclerosis 440	Influenza and Pneumonia 480-487	Chronic Obstructive Pulmonary Diseases 490-496	Chronic Liver Disease and Cirrhosis 571	All Accidents E800-E949	Motor Vehicle E810-E825	All Other Accidents E800-E807 E826-E949	Suicide E950-E959	Homicide E960-E978	Nephritis Nephrotic Syndrome Nephrosis 580-589	Septicemia 038	Congenital Anomalies 740-759	Certain Conditions in Perinatal Period 760-779	HIV Infection (AIDS) 042-044
MALE																				
DISTRICT I Bernalillo:	817.4	184.9	20.3	7.2	212.0	33.1	6.3	25.1	45.8	16.2	68.4	32.0	36.3	34.8	19.4	8.5	4.7	7.6	7.0	7.5
Cibola:	1070.0	163.2	38.9	13.2	277.0	48.6	12.4	16.5	32.3	26.0	176.1	98.2	77.9	46.5	27.4	23.6	17.3	--	13.1	6.4
McKinley:	1043.8	152.2	41.1	48.2	212.9	45.6	--	32.8	14.8	31.4	217.2	104.2	113.0	35.9	19.1	10.3	14.5	8.9	8.4	2.4
Sandoval:	623.2	127.5	17.0	7.8	130.6	26.2	1.1	19.5	15.6	13.0	96.0	64.4	31.7	40.7	16.7	8.7	3.3	4.0	2.9	4.4
San Juan:	973.1	175.6	23.6	10.4	259.0	35.9	9.0	26.6	57.8	5.5	145.7	94.5	51.2	31.4	31.7	9.8	2.7	4.9	12.2	0.9
Torrance:	795.5	113.4	17.7	--	271.4	52.8	5.7	16.9	47.8	6.7	140.3	103.3	37.1	22.8	16.9	--	--	7.7	--	--
Valencia:	961.6	209.6	22.8	3.1	225.7	36.6	7.8	26.4	41.5	19.0	117.8	69.6	48.2	46.5	23.9	12.2	3.0	17.0	9.5	8.0
DISTRICT II Colfax:	838.9	181.2	27.2	--	277.6	34.8	8.3	18.2	24.7	24.8	52.4	29.3	23.1	38.5	10.2	4.8	--	--	6.2	--
Harding:	754.7	104.8	68.2	--	168.0	--	--	33.5	100.0	--	153.1	119.6	33.5	93.6	--	--	--	--	--	--
Los Alamos:	541.6	148.1	6.3	--	101.0	19.5	7.9	18.6	40.0	5.3	44.6	25.1	19.5	24.6	5.3	4.2	11.0	17.7	11.8	2.2
Mora:	793.2	158.6	13.2	27.0	181.6	26.5	--	32.2	48.6	26.8	136.7	67.5	69.2	--	14.3	--	15.8	--	--	16.4
Rio Arriba:	1121.5	143.1	22.5	26.7	259.3	43.8	9.9	43.8	45.7	67.3	143.4	87.9	55.5	66.4	37.5	12.7	8.1	3.8	14.1	4.6
San Miguel:	902.7	155.7	27.1	11.2	286.8	33.2	6.3	23.0	24.8	45.1	94.8	43.1	51.7	29.3	18.2	2.4	4.4	12.4	2.3	--
Santa Fe:	800.1	166.0	15.6	10.3	205.5	40.0	4.2	16.3	32.9	24.4	76.1	45.5	30.5	45.3	12.4	8.8	2.7	4.4	4.4	20.9
Taos:	1003.8	225.0	10.4	17.2	189.8	47.3	12.8	29.5	69.1	36.6	143.8	97.7	46.1	49.6	9.8	--	8.0	8.7	16.3	2.8
Union:	938.2	189.2	41.5	--	280.9	43.1	--	28.1	27.9	15.0	84.4	--	84.4	47.5	24.0	--	--	34.1	14.1	--
DISTRICT III Catron:	613.4	68.2	--	--	76.5	33.5	28.7	28.7	95.7	--	125.6	24.1	101.5	52.7	12.6	--	--	--	29.0	--
Dona Ana:	708.5	167.9	27.3	7.1	200.5	22.9	13.6	18.2	33.4	15.3	69.1	43.3	25.7	24.3	8.3	5.9	5.3	4.0	7.9	8.1
Grant:	914.2	215.1	19.9	4.8	307.0	30.4	2.3	32.8	42.8	17.5	86.0	59.1	26.9	43.4	11.5	11.4	4.6	1.9	2.4	--
Hidalgo:	928.1	206.0	25.5	12.3	318.1	--	11.2	11.2	42.1	14.0	111.2	71.0	40.2	24.4	--	30.9	--	--	10.2	--
Luna:	896.5	189.3	14.0	5.1	278.2	49.1	3.6	15.8	43.1	24.0	99.6	70.0	29.6	45.8	13.6	11.8	7.0	--	7.1	10.4
Otero:	948.8	158.8	19.7	9.9	335.0	39.5	6.8	16.0	63.5	24.5	78.4	40.8	37.6	43.1	11.7	10.0	4.0	5.0	13.6	1.1
Sierra:	1048.9	158.1	59.8	15.5	360.6	17.3	5.6	29.4	66.7	49.5	83.4	36.0	47.4	85.6	8.9	3.9	1.9	--	10.4	--
Socorro:	993.8	156.2	11.1	--	259.8	70.2	--	36.1	72.9	26.9	152.8	77.7	75.1	44.9	8.4	5.8	4.1	4.3	4.3	--
DISTRICT IV Chaves:	913.8	194.3	26.1	4.6	252.7	51.9	2.9	40.7	63.4	19.2	78.1	35.5	42.5	22.0	34.9	2.9	3.1	6.9	6.1	3.1
Curry:	816.8	182.0	16.2	1.9	255.4	48.5	3.7	27.1	38.4	12.6	71.6	35.2	36.4	26.4	5.9	5.7	7.4	8.0	3.6	--
DeBaca:	820.0	134.5	--	11.9	222.6	--	--	17.7	30.5	36.8	220.7	95.4	125.3	75.5	--	--	--	--	--	--
Eddy:	965.9	218.4	12.1	3.3	303.2	31.6	2.3	23.3	52.2	18.7	96.2	52.7	43.5	31.7	12.3	5.7	5.1	8.3	8.3	1.7
Guadalupe:	1212.3	253.2	17.7	18.2	328.0	53.1	--	36.7	28.2	17.7	111.6	64.9	46.7	35.6	49.9	8.5	10.5	16.2	--	26.3
Lea:	966.7	171.7	27.3	3.9	311.7	72.9	6.9	33.6	75.6	16.7	83.8	44.1	39.7	25.7	8.7	6.3	7.0	5.3	2.1	3.7
Lincoln:	737.4	171.4	4.9	19.0	209.7	13.1	30.3	4.9	23.6	15.0	84.2	44.8	39.5	43.1	14.1	--	4.9	6.4	5.7	--
Quay:	984.8	156.9	12.3	--	375.0	36.3	--	22.0	45.0	14.3	98.0	50.2	47.8	50.9	20.8	13.8	13.6	7.0	7.0	10.3
Roosevelt:	901.4	222.1	11.2	9.2	249.2	26.8	30.6	27.8	55.8	24.7	75.6	27.2	48.3	31.9	4.1	--	7.3	15.7	--	4.0

Rates per 100,000 population.

TABLE 3.17
AGE - ADJUSTED MORTALITY RATES BY SELECTED CAUSES--FEMALES NEW MEXICO RESIDENTS BY COUNTY 1987 - 1989 AVERAGE
(Rates Per 100,000 Population)

COUNTY	ALL CAUSES	Malignant Neoplasms 140-208	Diabetes Mellitus 250	Alcoholism 303	Diseases of the Heart 390-398 402, 404 410-429	Cerebro-vascular Disease 430-438	Athero-sclerosis 440	Influenza and Pneumonia 480-487	Chronic Obstructive Pulmonary Diseases 490-496	Chronic Liver Disease and Cirrhosis 571	All Accidents E800-E949	Motor Vehicle E810-E825	All Other Accidents E800-E807 E826-E949	Suicide E950-E959	Homicide E960-E978	Nephritis Nephrotic Syndrome Nephrosis 580-589	Septicemia 038	Congenital Anomalies 740-759	Certain Conditions in Perinatal Period 760-779	HIV Infection (AIDS) 042-044
FEMALE																				
DISTRICT I Bernalillo:	722.3	162.6	23.3	2.1	206.7	60.2	10.0	26.4	41.5	9.0	33.3	13.7	19.6	9.4	5.8	8.5	3.5	4.1	5.5	0.3
Cibola:	1176.5	214.8	71.6	--	328.7	117.6	31.8	56.0	25.2	16.0	71.3	43.5	27.8	--	7.5	20.7	21.9	7.2	8.3	--
McKinley:	827.4	170.3	29.6	11.4	200.9	44.2	2.8	44.0	13.3	28.7	78.9	43.8	35.1	6.2	5.6	14.5	12.2	6.6	4.9	--
Sandoval:	582.7	125.4	20.5	1.2	152.0	50.1	3.2	17.0	29.5	8.7	34.9	16.3	18.6	7.3	2.3	8.6	1.4	5.2	5.7	--
San Juan:	880.5	200.6	31.9	6.0	229.5	74.8	12.5	35.8	46.0	13.0	48.5	29.3	19.3	11.2	6.2	13.8	0.8	5.0	2.2	--
Torrance:	625.4	148.6	15.6	5.6	194.7	71.4	--	13.2	12.6	20.9	19.1	13.4	5.6	--	--	--	--	7.5	--	--
Valencia:	812.1	189.3	26.2	--	205.2	72.2	4.3	19.8	32.5	3.7	62.4	40.2	22.3	15.1	4.7	13.3	6.2	7.9	9.3	1.8
DISTRICT II Colfax:	693.5	181.6	21.4	--	188.4	57.9	8.6	19.9	8.6	4.3	30.0	14.2	15.9	--	5.4	3.5	8.6	8.8	18.4	--
Harding:	620.2	178.8	--	--	107.2	--	--	46.2	--	--	97.8	97.8	--	--	--	--	--	--	83.0	--
Los Alamos:	741.7	152.8	4.0	3.3	153.3	97.1	24.1	23.8	34.7	6.2	48.3	19.3	29.0	5.5	--	8.6	7.7	--	10.4	--
Mora:	711.4	91.6	65.2	--	291.3	94.5	--	56.2	--	13.8	--	--	--	34.0	--	12.7	--	--	16.6	--
Rio Arriba:	944.0	221.6	68.3	2.1	248.3	67.4	15.9	38.4	32.5	20.2	53.6	22.7	30.9	2.3	14.2	10.2	10.2	4.2	2.8	--
San Miguel:	778.4	157.5	19.8	2.6	272.7	59.7	5.7	45.6	30.7	8.6	35.1	18.9	16.2	5.9	5.5	8.3	5.2	9.8	4.4	0.7
Santa Fe:	711.3	165.1	20.4	2.0	200.1	54.9	8.1	31.9	35.8	11.6	31.0	16.1	16.8	11.6	6.0	4.4	3.2	4.8	2.8	--
Taos:	709.0	146.7	14.9	3.2	182.0	82.0	16.5	24.6	11.7	12.9	57.7	35.2	22.5	10.5	3.0	15.6	--	3.2	6.3	--
Union:	820.9	123.4	35.0	--	252.0	63.3	30.6	32.0	34.0	10.9	83.1	62.7	20.4	--	--	--	--	27.0	--	--
DISTRICT III Catron:	750.1	233.9	45.5	--	148.8	41.9	43.2	20.9	--	--	44.4	44.4	--	--	21.4	--	--	21.4	--	--
Dona Ana:	697.5	153.5	25.9	0.5	206.6	56.4	23.2	26.1	28.8	11.1	24.0	12.6	11.5	8.2	1.8	6.7	8.0	3.5	4.5	1.0
Grant:	901.5	201.9	31.6	--	292.7	52.9	5.3	85.8	61.2	12.9	31.2	17.8	13.4	5.4	--	10.7	5.3	6.7	2.4	--
Hidalgo:	728.9	209.3	15.2	--	287.6	50.9	--	13.1	--	11.0	--	--	--	--	--	--	13.1	10.8	--	--
Luna:	715.4	142.9	23.8	--	245.8	53.6	9.8	34.7	16.0	11.9	59.8	50.0	9.8	9.9	--	11.2	3.2	3.5	3.5	--
Otero:	841.0	160.3	27.2	7.4	235.5	81.4	23.0	32.1	37.2	29.4	33.9	18.4	15.4	9.4	10.0	13.4	10.4	2.8	8.3	--
Sierra:	795.5	173.1	35.7	7.6	308.0	30.7	8.4	13.4	23.2	11.1	46.7	33.3	13.4	4.2	--	14.4	4.2	--	18.1	--
Socorro:	892.7	186.5	32.4	--	197.5	47.6	--	45.7	41.3	23.9	32.1	20.2	11.9	8 .9	8.4	26.4	6.0	--	7.4	--
DISTRICT IV Chaves:	767.4	167.0	24.0	3.8	197.9	56.3	16.8	45.1	57.9	4.7	34.7	17.0	17.7	8.9	6.7	8.9	4.8	5.4	4.5	--
Curry:	689.4	153.9	8.8	3.5	217.7	68.3	7.6	60.8	21.1	3.1	26.2	13.3	12.9	12.1	3.0	--	4.8	3.4	3.4	--
DeBaca:	962.6	325.3	--	--	188.8	63.2	--	51.2-	27.3	13.7	101.2	87.6	13.7	31.6	--	--	--	--	--	--
Eddy:	870.7	176.0	28.1	--	289.2	54.7	5.4	56.2	40.8	8.7	22.7	8.5	14.2	12.8	6.5	10.2	9.5	4.2	2.8	--
Guadalupe:	842.0	150.2	23.9	--	285.7	73.9	--	62.6	42.6	12.6	55.1	17.5	37.6	--	--	18.7	--	--	--	--
Lea:	910.2	184.3	16.9	1.3	341.5	84.4	11.9	42.4	43.2	5.2	21.3	12.6	8.7	11.6	6.0	8.7	1.4	6.4	5.1	--
Lincoln:	695.4	120.8	10.9	--	187.4	58.9	34.6	32.9	24.9	--	53.0	33.4	19.5	8.9	9.7	12.8	12.8	6.1	5.6	--
Quay:	821.0	129.7	9.6	--	444.6	30.8	5.4	20.8	19.5	15.4	32.9	17.2	15.8	16.3	10.3	--	6.1	6.8	--	--
Roosevelt:	767.6	142.3	15.9	3.5	289.4	47.5	8.3	30.7	44.4	3.7	31.6	18.2	13.3	3.7	--	--	7.7	--	4.0	--

Rates per 100,000 population.

TABLE 3.18
AGE-SPECIFIC DEATH RATES FOR SELECTED CAUSES - MALES
New Mexico Residents 1987 - 1989 Average
United States 1988

M A L E (By Age Group)	ALL CAUSES	DISEASES OF THE HEART 390-398, 402 404-429	MALIGNANT NEOPLASMS 140-208	ALL ACCIDENTS E800-E949	MOTOR VEHICLE E810-E825	ALL OTHER E800-E807 E826-E949	STROKE 430-438	C.O.P.D. 490-496	INFLUENZA & PNEUMONIA 480- 487	DIABETES MELLITUS 250	SUICIDE E950-E959	CIRRHOSIS OF LIVER 571	HOMICIDE E960-E978	ATHERO-SCLEROSIS 440	ALCOHOLISM 303	NEPHRITIS NEPHROTIC SYNDROME NEPHROSIS 580-589	CONGENITAL ANOMALIES 740-759	HIV INFECTION (AIDS) 042-044	SEPTICEMIA 038
UNITED STATES																			
1 - 4	56.5	2.4	3.8	23.1	7.3	15.9	0.4	0.3	1.2	0.0	--	0.0	2.9	0.0	--	0.1	6.8	0.8	0.6
5 - 14	30.9	1.1	3.6	15.7	8.7	7.1	0.2	0.4	0.4	0.1	1.0	0.0	1.5	--	--	0.1	1.6	0.2	0.1
15 - 24	151.0	3.8	5.9	75.1	56.6	18.6	0.8	0.5	0.8	0.4	21.9	0.2	24.7	0.0	0.1	0.2	1.4	2.4	0.2
25 - 34	196.7	11.3	11.7	60.0	36.2	23.8	2.4	0.7	2.4	1.8	25.0	3.2	24.7	0.0	0.9	0.8	1.1	24.2	0.7
35 - 44	301.4	52.2	39.7	51.0	25.8	25.2	7.5	1.9	5.1	4.8	22.9	14.9	17.3	0.2	4.3	1.8	1.3	32.5	1.8
45 - 54	629.0	199.8	166.3	47.0	22.5	24.5	21.0	10.2	10.0	11.5	21.7	29.1	11.4	1.0	7.1	3.9	1.5	18.8	3.7
55 - 64	1606.9	584.7	526.7	51.2	21.5	29.7	59.5	59.9	25.1	28.6	25.0	45.7	8.2	4.9	10.0	10.9	2.0	7.6	10.4
65 - 74	3573.8	1358.1	1072.7	68.6	25.5	43.1	176.5	205.9	82.5	61.8	33.0	48.7	5.9	19.5	8.2	30.5	2.7	2.8	28.5
75 - 84	8223.2	3239.1	1861.0	143.7	43.5	100.2	603.2	504.8	352.4	127.3	57.2	43.8	6.3	81.8	5.8	102.6	5.1	1.5	81.4
85 +	18370.8	7830.9	2527.9	374.5	60.0	314.5	1625.6	776.8	1428.2	229.2	60.4	33.8	7.3	385.2	2.9	309.1	7.0	1.0	207.9
N.M (ALL RACES)																			
1 - 4	62.7	--	3.3	27.7	10.5	17.2	--	0.6	1.1	--	--	--	3.9	--	--	0.6	8.9	--	--
5 - 14	39.0	0.5	6.2	22.8	13.7	9.1	--	0.3	--	--	1.3	--	2.7	--	--	0.5	1.1	--	--
15 - 24	207.0	1.4	5.5	109.8	85.6	24.2	0.6	--	0.6	--	48.7	0.3	22.3	--	0.3	--	1.7	1.1	0.3
25 - 34	266.7	8.7	11.6	101.3	68.4	32.9	0.3	0.5	0.5	3.4	48.4	5.8	29.5	--	6.3	0.5	2.9	13.7	--
35 - 44	328.9	34.0	28.2	85.0	45.6	39.5	4.8	2.6	4.2	7.1	46.2	23.7	20.9	0.6	16.0	0.3	1.0	13.8	0.6
45 - 54	562.0	142.7	112.2	81.7	46.8	34.9	11.3	9.8	6.4	17.2	31.0	39.4	17.2	0.5	20.7	3.0	2.0	10.8	2.0
55 - 64	1366.8	444.1	411.2	101.6	43.5	58.2	42.3	52.9	20.6	35.8	34.1	61.1	12.3	4.7	14.1	6.5	1.2	3.5	7.0
65 - 74	2995.2	983.5	882.2	133.0	43.3	89.7	101.3	189.4	55.7	90.5	46.4	59.5	13.1	13.1	24.0	27.1	3.9	1.5	20.1
75 - 84	7224.8	2345.2	1617.4	263.3	63.7	199.6	486.9	655.6	271.9	206.5	75.7	51.6	10.3	79.1	17.2	92.9	6.9	1.7	53.3
85 +	15859.8	5594.7	2082.9	476.3	64.0	412.3	1279.6	824.6	1400.4	312.8	99.5	14.2	28.4	391.0	28.4	270.1	21.3	--	156.4
N.M. NON-HISPANIC WHITE																			
1 - 4	61.2	--	4.3	22.8	10.0	12.8	--	--	1.4	--	--	--	5.7	--	--	--	8.5	--	--
5 - 14	34.3	0.6	5.1	19.0	10.1	8.9	--	--	--	--	1.9	--	3.8	--	--	0.6	0.6	--	--
15 - 24	122.2	1.8	5.3	71.3	58.5	12.9	--	--	--	--	28.6	--	8.2	--	--	--	0.6	0.6	--
25 - 34	171.2	6.7	10.5	60.1	40.5	19.6	--	0.5	--	3.3	38.2	1.0	13.8	--	1.0	0.5	2.9	12.9	--
35 - 44	238.5	33.8	26.6	58.1	28.2	29.9	3.9	2.2	2.8	5.0	43.7	6.6	11.6	0.6	6.6	--	1.1	12.2	0.6
45 - 54	482.8	149.7	113.5	57.1	29.0	28.2	9.7	12.1	4.8	12.1	29.0	16.1	11.3	--	8.0	--	1.6	13.7	0.8
55 - 64	1252.7	426.2	414.1	78.1	31.3	46.9	33.0	62.5	14.8	20.0	37.3	36.5	8.7	5.2	6.1	4.3	0.0	2.6	6.1
65 - 74	3060.0	1011.3	929.8	109.9	32.8	77.0	91.7	236.7	54.4	72.5	61.2	45.3	11.3	19.3	17.0	23.8	4.5	1.1	11.3
75 - 84	8013.0	2657.1	1812.9	262.9	52.6	210.4	517.6	838.7	285.1	188.2	116.3	47.1	5.5	83.0	11.1	91.3	11.1	2.8	55.4
85 +	15981.6	6083.2	2008.0	437.0	70.9	366.2	1322.9	945.0	1287.5	259.9	165.4	23.6	23.6	378.0	11.8	259.9	11.8	--	94.5
N.M. HISPANIC WHITE																			
1 - 4	58.8	--	2.5	30.0	10.0	20.0	--	1.3	--	--	--	--	3.8	--	--	--	5.0	--	--
5 - 14	38.2	0.6	6.8	23.4	16.0	7.4	--	--	--	--	0.6	--	2.5	--	--	--	1.2	--	--
15 - 24	256.5	1.4	6.2	122.1	94.6	27.4	0.7	--	1.4	--	65.8	--	32.2	--	0.7	--	2.7	2.1	0.7
25 - 34	347.7	8.4	12.3	128.7	85.0	43.7	--	0.8	0.8	3.1	59.0	6.9	47.5	--	7.7	--	3.8	16.9	--
35 - 44	395.2	29.3	29.3	92.7	51.7	41.0	3.9	2.9	4.9	10.7	49.8	39.0	31.2	--	17.6	--	1.0	17.6	1.0
45 - 54	617.7	116.6	111.9	105.6	67.8	37.8	12.6	7.9	7.9	17.3	31.5	69.3	26.8	1.6	25.2	7.9	3.2	7.9	3.2
55 - 64	1531.4	487.4	400.2	109.5	44.7	64.8	62.6	31.3	24.6	60.4	31.3	125.2	15.6	4.5	29.1	6.7	--	6.7	8.9
65 - 74	2856.4	961.2	800.0	130.8	42.6	88.2	118.6	97.3	60.8	124.7	18.3	103.4	12.2	--	36.5	39.5	3.0	3.0	27.4
75 - 84	6148.1	1930.3	1377.1	282.3	92.2	190.1	437.9	403.3	236.2	201.7	11.3	63.4	17.3	86.4	28.8	98.0	--	--	46.1
85 +	14371.0	4653.1	2079.5	411.8	61.8	350.0	1091.2	700.0	1379.5	350.0	0.0	0.0	41.2	411.8	41.2	144.1	20.6	--	226.5
N.M. BLACK																			
1 - 4	23.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5 - 14	26.3	--	--	26.3	--	26.3	--	--	--	--	--	--	--	--	--	--	--	--	--
15 - 24	131.3	--	--	32.8	21.9	10.9	--	--	--	--	54.7	--	21.9	--	--	--	10.9	--	--
25 - 34	307.1	12.8	--	115.2	64.0	51.2	--	--	--	--	12.8	--	102.4	--	--	--	--	38.4	--
35 - 44	484.6	121.1	20.2	40.4	20.2	20.2	60.6	20.2	40.4	--	20.2	--	80.8	20.2	--	--	--	20.2	--
45 - 54	767.6	177.1	265.7	29.5	--	29.5	29.5	--	--	88.6	29.5	29.5	29.5	--	--	--	--	--	--
55 - 64	2266.7	666.7	755.6	133.3	44.4	88.9	44.4	88.9	88.9	44.4	--	88.9	--	--	44.4	88.9	44.4	--	--
65 - 74	3534.4	1157.8	1218.8	304.7	243.8	60.9	121.9	60.9	--	182.8	--	--	--	--	--	--	--	--	60.9
75 - 84	7024.3	2298.9	1788.0	--	--	--	1021.7	127.7	127.7	383.1	--	--	--	--	--	--	--	--	--
85 +	17204.3	6989.2	2150.5	537.6	--	537.6	2150.5	537.6	--	--	--	--	--	--	--	1612.9	--	--	537.6
N.M. INDIAN																			
1 - 4	84.7	--	4.2	33.9	12.7	21.2	--	--	4.2	--	--	--	--	--	--	4.2	25.4	--	--
5 - 14	66.1	--	9.8	36.7	22.0	14.7	--	2.4	--	--	2.4	--	--	--	--	2.4	2.4	--	--
15 - 24	472.4	--	6.1	289.5	213.3	76.2	3.0	--	--	--	82.3	3.0	51.8	--	--	--	--	--	--
25 - 34	657.6	22.4	22.4	306.4	220.4	85.9	3.7	--	3.7	7.5	97.1	41.1	48.6	--	44.8	3.7	--	--	--
35 - 44	816.3	45.1	40.1	310.5	185.3	125.2	5.0	--	5.0	10.0	65.1	110.2	40.1	--	100.2	5.0	--	10.0	--
45 - 54	1132.2	211.1	48.0	259.1	153.5	105.5	19.2	--	19.2	57.6	57.6	143.9	9.6	--	153.5	9.6	--	--	9.6
55 - 64	1943.4	394.3	352.1	394.3	211.2	183.1	70.4	28.2	70.4	140.8	14.1	42.2	56.3	--	42.2	14.1	14.1	--	14.1
65 - 74	2863.9	696.8	610.1	457.5	152.5	305.0	152.5	50.8	50.8	152.5	--	50.8	50.8	--	67.8	16.9	--	--	101.7
75 - 84	5134.9	1421.5	841.3	261.1	58.0	203.1	348.1	203.1	348.1	606.2	--	58.0	29.0	29.0	29.0	116.0	--	--	87.0
85 +	29494.9	6666.7	3636.4	1818.2	0.0	1818.2	2222.2	202.0	4040.4	1010.1	--	--	--	404.0	202.0	1212.1	202.0	--	404.0

New Mexico Rates by Race/Ethnic based on 1988 population estimates
0.0 Equals less than one-tenth of one percent.
Rates Per 100,000 Population

TABLE 3.19
AGE-SPECIFIC DEATH RATES FOR SELECTED CAUSES - FEMALES
New Mexico Residents 1987 - 1989 Average
United States 1988

F E M A L E (By Age Group)	ALL CAUSES	DISEASES OF THE HEART 390-398, 402 404-429	MALIGNANT NEOPLASMS 140-208	ALL ACCIDENTS E800-E949	MOTOR VEHICLE E810-E825	ALL OTHER E800-E807 E826-E949	STROKE 430-438	C.O.P.D. 490-496	INFLUENZA & PHUEMONIA 480-487	DIABETES MELLITUS 250	SUICIDE E950-E959	CIRRHOSIS OF LIVER 571	HOMICIDE E960-E978	ATHERO-SCLEROSIS 440	ALCOHOLISM 303	NEPHRITIS NEPHROTIC SYNDROME NEPHROSIS 580-589	CONGENITAL ANOMALIES 740-759	HIV INFECTION (AIDS) 042-044	SEPTICEMIA 038
UNITED STATES																			
1 - 4	45.0	2.5	3.7	15.9	6.5	9.4	0.4	0.3	1.3	0.1	..	0.0	2.3	..	..	0.2	5.6	0.7	0.6
5 - 14	20.4	0.8	2.7	8.4	5.2	3.2	0.2	0.2	0.3	0.1	0.4	0.0	1.1	..	..	0.1	1.3	0.1	0.2
15 - 24	52.1	2.1	4.2	23.3	20.1	3.2	0.7	0.4	0.7	0.3	4.2	0.1	6.0	0.0	0.0	0.2	1.1	0.5	0.3
25 - 34	74.0	5.1	12.2	16.6	11.6	5.0	2.1	0.7	1.5	1.2	5.7	1.6	7.3	0.0	0.4	0.5	1.0	3.5	0.6
35 - 44	140.0	16.8	48.5	15.0	9.3	5.7	6.2	1.7	2.5	3.1	6.9	5.4	4.6	0.1	0.9	0.9	1.0	3.0	1.2
45 - 54	350.9	66.7	154.9	16.0	9.5	6.6	17.4	8.5	4.8	9.2	7.9	11.0	3.1	0.5	2.0	2.7	1.3	1.1	2.8
55 - 64	904.7	237.0	376.6	20.7	10.5	10.2	44.0	39.0	13.3	27.5	7.2	19.8	2.5	2.5	2.3	8.1	1.9	0.7	7.7
65 - 74	2056.1	685.6	659.2	35.4	14.1	21.3	137.3	108.8	41.8	62.1	6.8	24.1	2.9	11.5	1.9	21.8	2.8	0.6	20.3
75 - 84	5173.3	2122.4	982.6	84.1	22.1	62.0	523.7	197.3	199.6	123.7	6.9	25.5	3.5	63.1	0.9	63.8	4.0	0.4	64.2
85 +	14508.1	6810.1	1292.8	225.5	17.1	208.4	1738.4	245.5	1005.9	219.3	5.0	14.6	3.7	400.1	0.3	181.1	5.0	0.1	195.2
N.M. (ALL RACES)																			
1 - 4	47.3	2.3	4.7	15.2	6.4	8.8	0.6	1.2	1.8	..	..	0.6	4.7	..	..	..	5.3	..	0.6
5 - 14	23.6	1.1	1.9	11.6	9.1	2.5	0.6	..	..	..	..	..	3.0	..	..	..	1.1	..	..
15 - 24	64.3	1.4	4.3	33.7	31.2	2.6	0.3	0.6	1.1	..	8.8	..	6.8	..	0.3	0.3	0.6	..	..
25 - 34	91.5	3.1	12.8	29.5	23.8	5.8	1.8	1.0	0.5	1.6	11.5	4.4	5.5	..	3.9	..	0.8	1.0	..
35 - 44	141.8	14.5	39.5	20.5	15.8	4.7	4.1	1.3	2.5	3.8	13.9	7.9	5.7	..	2.5	0.9	0.9	0.3	0.6
45 - 54	335.9	43.8	127.6	24.9	16.1	8.8	15.2	8.3	4.6	14.3	17.0	19.8	5.1	..	5.1	2.8	0.5	0.5	2.3
55 - 64	796.2	177.3	330.5	25.8	12.1	13.7	33.7	52.1	15.3	32.6	11.1	23.7	1.6	1.6	5.3	5.3	0.5	..	3.7
65 - 74	1844.9	474.9	598.6	62.2	21.2	41.0	105.2	132.3	39.0	90.0	10.6	35.7	5.3	15.2	5.3	18.5	2.0	..	9.3
75 - 84	4394.2	1675.2	897.7	120.2	32.6	87.6	413.5	269.7	204.5	147.2	6.7	30.3	9.0	67.4	..	59.5	6.7	..	25.8
85 +	13808.1	3454.5	1300.9	324.3	19.3	305.0	1571.1	382.2	1073.2	277.9	7.7	19.3	3.9	378.3	3.9	200.7	3.9	..	127.4
N.M. NON-HISPANIC WHITE																			
1 - 4	39.0	4.5	4.5	9.0	1.5	7.5	..	1.5	1.5	..	..	..	6.0	..	..	..	6.0	..	1.5
5 - 14	23.2	2.0	0.7	12.6	11.3	1.3	..	..	..	..	..	..	4.6	..	..	..	..	..	..
15 - 24	50.9	1.8	3.1	22.1	19.6	2.5	0.6	1.2	..	..	8.0	..	6.7	..	..	..	1.2	..	..
25 - 34	66.8	1.9	11.6	16.9	11.6	5.3	1.5	0.5	..	1.9	10.6	1.0	5.3	..	1.5	..	0.5	1.0	..
35 - 44	117.5	12.4	30.9	18.5	12.9	5.6	2.8	1.7	2.2	3.4	15.7	3.9	6.2	..	1.1	1.1	0.6	..	0.6
45 - 54	302.0	43.7	128.0	22.6	17.2	5.5	8.6	10.1	3.1	7.0	21.9	12.5	3.1	..	3.1	1.6	..	0.8	0.8
55 - 64	742.2	166.8	332.9	20.3	8.6	11.7	22.6	64.7	11.7	13.3	14.8	14.8	1.6	0.8	5.5	3.1	..		2.3
65 - 74	1816.7	464.5	618.0	57.6	19.2	38.4	97.9	161.2	40.3	53.7	14.4	24.0	1.9	19.2	5.8	6.7	1.0		6.7
75 - 84	4338.7	1478.0	890.6	109.5	28.6	81.0	409.6	314.3	190.5	111.1	9.5	15.9	6.4	69.9	..	49.2	6.4	..	27.0
85 +	14437.2	5858.2	1310.5	322.1	22.2	299.9	1688.0	399.8	1149.4	211.0	11.1	16.7	..	388.7	..	183.2	5.6	..	111.1
N.M. HISPANIC WHITE																			
1 - 4	39.5	1.3	4.0	11.9	6.6	5.3	1.3	1.3	2.6	..	..	..	2.6	..	..	..	4.0	..	..
5 - 14	18.4	..	3.8	5.7	3.8	1.9	1.3	..	..	..	..	..	0.6	..	..	..	1.9	..	..
15 - 24	69.1	1.4	3.5	39.8	37.0	2.8	..	..	2.1	..	10.5	..	6.3	..	..	..	..	..	..
25 - 34	90.6	3.0	12.0	27.0	23.2	3.7	2.2	2.2	1.5	0.7	14.2	4.5	5.2	..	4.5	..	0.7	0.7	..
35 - 44	150.7	14.0	50.5	20.6	16.8	3.7	7.5	..	1.9	3.7	11.2	7.5	3.7	..	1.9	0.9	0.9	0.9	0.9
45 - 54	348.5	37.3	129.1	21.5	11.5	10.0	24.4	4.3	7.2	22.9	11.5	22.9	1.4	..	7.2	2.9	..	..	2.9
55 - 64	863.1	204.7	313.1	24.1	18.1	6.0	62.2	26.1	18.1	70.3	4.0	32.1	2.0	4.0	4.0	10.0	2.0	..	2.0
65 - 74	1929.8	536.9	568.8	47.8	15.9	31.9	127.6	77.1	29.2	175.4	..	63.8	15.9	8.0	2.7	37.2	5.3	..	13.3
75 - 84	4486.3	1513.9	886.2	133.9	32.3	101.5	433.9	170.8	216.9	221.5	..	73.8	18.5	69.2	..	73.8	9.2	..	18.5
85 +	12755.8	4870.7	1380.3	301.4	15.9	285.6	1269.2	428.4	920.2	444.2	..	31.7	..	349.0	..	238.0	..	..	174.5
N.M. BLACK																			
1 - 4	72.6	..	24.2	..	..	..	..	..	..	..	..	..	24.2	..	..	..	24.2	..	..
5 - 14	56.7	..	..	27.3	27.3	..	..	..	..	..	..	..	27.3	..	..	..	..	..	..
15 - 24	54.5	..	13.6	13.6	13.6	..	..	..	..	..	..	..	13.6	..	..	..	..	..	..
25 - 34	255.9	16.0	32.0	64.0	32.0	32.0	..	..	..	16.0	..	..	..	..	..	..	..	16.0	..
35 - 44	308.0	44.0	44.0	44.0	44.0	..	..	22.0	..	22.0	..	22.0	22.0	..	..	..	..	..	..
45 - 54	645.9	140.4	140.4	28.1	..	28.1	56.2	28.1	..	28.1	28.1	..	56.2	..	..	28.1	..	..	28.1
55 - 64	1616.7	291.7	541.7	61.7	..	41.7	83.3	83.3	..	208.3	..	..	..	..	..	..	..	..	41.7
65 - 74	2114.1	737.5	639.1	98.3	49.2	49.2	147.5	98.3	49.2	98.3	..	..	..	..	..	98.3	..	..	..
75 - 84	6269.6	2089.9	1149.4	..	..	..	940.4	313.5	209.0	209.0	..	..	..	104.5	..	209.0	..	..	..
85 +	14930.6	4861.1	1388.9	..	..	..	1736.1	..	694.4	..	..	..	347.2	1041.7	..	694.4	..	..	..
N.M. INDIAN																			
1 - 4	93.7	..	4.5	49.1	22.3	26.8	..	..	..	..	..	4.5	4.5	..	..	..	4.5	..	..
5 - 14	40.9	2.4	..	28.9	19.3	9.6	..	..	..	..	..	..	2.4	..	..	..	2.4	..	..
15 - 24	107.8	..	8.5	68.1	65.2	2.8	..	..	2.8	..	5.7	..	8.5	..	2.8	2.8	..	..	..
25 - 34	268.8	10.2	23.9	126.1	112.5	13.6	3.4	..	..	..	6.8	30.7	10.2	..	20.4	..	3.4	..	..
35 - 44	258.4	30.2	47.4	34.5	30.2	4.3	..	..	8.6	4.3	12.9	38.8	8.6	..	17.2	..	4.3	..	..
45 - 54	547.7	46.3	123.4	69.4	38.6	30.9	15.4	7.7	7.7	38.6	..	84.9	30.9	..	15.4	7.7	7.7	..	7.7
55 - 64	1062.2	143.2	322.2	119.3	35.8	83.5	23.9	11.9	47.7	59.7	..	119.3	..	..	11.9	11.9	..	..	23.9
65 - 74	1886.5	243.4	517.3	197.8	76.1	121.7	91.3	15.2	76.1	182.6	..	76.1	..	..	15.2	76.1	..	..	30.4
75 - 84	4596.6	1058.2	1124.3	297.6	132.3	165.3	198.6	66.1	396.8	363.8	..	33.1	..	..	..	132.3	..	..	66.1
85 +	10796.9	2999.1	856.9	599.8	..	599.8	1371.0	..	942.6	514.1	..	..	..	257.1	85.7	171.4	..	..	171.4

New Mexico Rates by Race/Ethnic based on 1988 population estimates

0.0 Equals less than one-tenth of one percent.

Rates Per 100,000 Population

STANDARDIZED MORTALITY RATIOS

During the three year period, 1987-1989, there were observed (recorded) 31,261 deaths of New Mexico residents, an average of 10,420 deaths per year.

If New Mexico's population had an age and female/male distribution similar to that of the nation as a whole, and if New Mexicans had been dying at the same rate as was experienced nationally during this time, then we would have expected a total of 34,253 New Mexicans to have died during this period of time. Since only 31,261 deaths were observed, the conclusion then is that New Mexicans generally experienced a lower level of mortality than was experienced nationwide (Standard: 1988 U.S. mortality, all races).

The ratio of the observed deaths (31,261) to the expected deaths (34,253) multiplied by 100 is referred to as the standardized mortality ratio, which in this case for New Mexico deaths is "91" (Table 3.20 on page 52). In other words, the State's overall mortality was 91% of that experienced nationally.

Scanning across the "SMR" row in Table 3.20, reveals excess mortality for the State's population for all races for accidents (58%), motor vehicle accidents in particular (68%), other accidents (48%), C.O.P.D. (chronic obstructive pulmonary diseases) (17%), diabetes (37%), suicide (80%), cirrhosis (39%), homicide (22%), alcoholism (212%) and congenital anomalies (9%).

Mortality from other causes of death are lower in New Mexico than nationally. For example, heart disease in the State is 73% of that nationally, stroke is 78% and cancer is 86%. One caution, however, is that some causes, for example cancer mortality, may exibit overall an SMR lower than the national mortality experience but further examination by cancer site and sex or ethnicity may and does reveal higher rates for New Mexicans for particular sites.

Another consideration in analyzing the mortality situation of the State is the actual number of deaths and the percent that figure represents of the total. Heart disease mortality in New Mexico, for example, is 73% of the national level; however, heart disease accounts for one out of every four deaths in New Mexico. Cancer accounts for one out of every five deaths and accidents for one out of every twelve. These leading causes together account for 57% of all deaths in the State.

Death from accidents is higher than expected in all of the State's four largest race/ethnic groups, with the level for the Indian being over four times that nationally, as accidents account for one out of every four deaths of Indians.

COPD deaths is almost 1 1/2 times the expected number for non-Hispanic Whites. Diabetes mortality exceeds the expected level for the Hispanic, Black and Indian populations. Excess suicide mortality is noted for all races; excess cirrhosis mortality is noted for Hispanics, Blacks and Indians.

Excessive homicide mortality is noted for Blacks, Indians and Hispanics. Indians and Whites experience an excess alcoholism mortality.

An excess mortality (beyond what would be expected based on national data) is noted for New Mexicans in age groups between 1 and 44 years of age (Table 3.21).

For ages less than one year, accidents account for 2.5% of all deaths and death from motor vehicle accidents occurs at a level 1 1/2 times the expected level. The leading categories of death in this age group: "certain conditions in the perinatal period" and "congenital anomalies" account for 44% and 26% of deaths respectively; and the SMRs indicate a higher than expected level of mortality for anomalies. Homicide of infants in the State occurs at over twice that nationally and is also higher for childern 1-14 years of age.

Accidents account for 39% of all deaths of New Mexicans 1-4 years of age, with motor vehicle mortality occurring at 1 1/4 times the expected rate.

For ages 5-14, accidents account for 55% of all deaths with the SMR 43% higher than expected; motor vehicle accident mortality is 65% higher than expected.

With accidents accounting for 53% of deaths, suicide 21%, and homicide 11%, violent causes account for 85% of deaths in the 15-24 age group. Excessive death of New Mexicans is noted in these mortality categories as motor vehicle accident mortality is 52% higher than expected based on national data; "other accident" mortality is 23% higher and suicide is 119% higher than expected.

Violent death accounts for 51% of all deaths of New Mexicans 25 to 44 years of age. Accident mortality, though accounting for a lower percentage of deaths than for the 15-24 year olds is more excessive in this age group. Motor vehicle mortality is almost twice what would be expected based on national data and "other accident" mortality is 38% higher. A 98% excess mortality is noted for suicide and 13% for homicide. Cancer ranks as third leading cause of death accounting for 11% of deaths in this age group, though at a level 17% below nationally. Alcoholism mortality in the State is over 4 times what would be expected based on national data for this age group.

TABLE 3.20
NEW MEXICO STANDARDIZED MORTALITY RATIOS BY RACE/ETHNIC BASED ON THREE YEAR RESIDENT MORTALITY 1987 - 1989 AGE AND SEX ADJUSTED

RACE/ETHNIC	ALL CAUSES	HEART DISEASE	MALIGNANT NEOPLASMS	ALL ACCIDENTS	MOTOR VEHICLE	ALL OTHER	STROKE	COPD	DIABETES MELLITUS	SUICIDE	INFLUENZA & PNEUMONIA	CIRRHOSIS OF LIVER	HOMICIDE	ALCOHOLISM	CERT. COND. IN PERINATAL PER.	ATHEROSCLEROSIS	CONGENITAL ANOMALIES	HIV INFECTION
ALL PERSONS																		
OBSERVED DEATHS	31261	8565	6639	2686	1479	1207	1763	1532	862	950	1078	608	486	240	322	313	279	136
EXPECTED DEATHS	34253	11756	7762	1699	882	817	2267	1308	628	528	1174	437	397	77	383	320	257	291
SMR	91	73	86	158	168	148	78	117	137	180	92	139	122	312	84	98	109	47
% OF TOTAL DEATHS	100.0	27.4	21.2	8.6	4.7	3.9	5.6	4.9	2.8	3.0	3.4	1.9	1.6	0.8	1.0	1.0	0.9	0.4
NON-HISPANIC-WHITE																		
OBSERVED DEATHS	19395	5902	4477	1167	558	609	1151	1225	408	533	686	218	172	73	108	221	102	75
EXPECTED DEATHS	22024	7800	5107	956	480	476	1502	863	417	305	756	281	209	51	135	213	99	169
SMR	88	76	88	122	116	128	77	142	98	175	91	78	82	143	80	104	103	44
% OF TOTAL DEATHS	100.0	30.4	23.1	6.0	2.9	3.1	5.9	6.3	2.1	2.7	3.5	1.1	0.9	0.4	0.6	1.1	0.5	0.4
HISPANIC-WHITE																		
OBSERVED DEATHS	9050	2200	1747	963	579	384	493	273	344	323	292	282	223	93	141	80	117	54
EXPECTED DEATHS	9699	3196	2134	576	311	265	610	355	169	167	325	123	140	23	176	80	104	99
SMR	93	69	82	167	186	145	81	77	204	193	90	229	159	404	80	100	113	55
% OF TOTAL DEATHS	100.0	24.3	19.3	10.6	6.4	4.2	5.4	3.0	3.8	3.6	3.2	3.1	2.5	1.0	1.6	0.9	1.3	0.6
BLACK																		
OBSERVED DEATHS	565	142	117	39	21	18	40	15	22	9	11	4	25	1	17	5	14	5
EXPECTED DEATHS	426	149	102	21	11	10	28	14	6	6	10	2	5	0	10	2	4	6
SMR	133	95	115	186	191	180	143	107	367	150	110	200	500	-	170	250	350	87
% OF TOTAL DEATHS	100.0	25.1	20.7	6.9	3.7	3.2	7.1	2.7	3.9	1.6	1.9	0.7	4.4	0.2	3.0	0.9	2.5	0.9
INDIAN																		
OBSERVED DEATHS	2169	301	277	507	315	192	75	19	88	81	84	103	63	73	51	6	46	2
EXPECTED DEATHS	1702	530	366	117	66	51	99	54	28	28	55	22	26	3	56	10	30	19
SMR	127	57	76	433	477	376	76	35	314	289	153	468	242	2433	91	60	150	10
% OF TOTAL DEATHS	100.0	13.9	12.8	23.4	14.5	8.9	3.5	0.9	4.1	3.7	3.9	4.7	2.9	3.4	2.4	0.3	2.1	0.1

SMR not calculated for expected deaths equal to zero.

TABLE 3.21
NEW MEXICO STANDARDIZED MORTALITY RATIOS BY AGE GROUP BASED ON THREE YEAR RESIDENT MORTALITY 1987 - 1989 AGE AND SEX ADJUSTED

AGE IN YEARS	ALL CAUSES	HEART DISEASE	MALIGNANT NEOPLASMS	ALL ACCIDENTS	MOTOR VEHICLE	ALL OTHER	STROKE	COPD	DIABETES MELLITUS	SUICIDE	INFLUENZA & PNEUMONIA	CIRRHOSIS OF LIVER	HOMICIDE	ALCOHOLISM	CERT. COND. IN PERINATAL PER.	ATHEROSCLEROSIS	CONGENITAL ANOMALIES	HIV INFECTION
< 1																		
OBSERVED DEATHS	728	4	6	18	6	12	1	0	0	0	9	1	15	0	317	0	188	0
EXPECTED DEATHS	813	18	2	20	4	16	2	0	0	0	13	0	6	0	380	0	171	2
SMR	91	22	300	90	150	75	50	-	-	-	69	-	250	-	83	-	110	0
% OF TOTAL DEATHS	100.0	0.5	0.8	2.5	0.8	1.6	0.1	0.0	0.0	0.0	1.2	0.1	2.1	0.0	43.5	0.0	25.8	0.0
1 - 4																		
OBSERVED DEATHS	194	4	14	76	30	46	1	3	0	0	5	1	15	0	2	0	25	0
EXPECTED DEATHS	69	4	13	69	24	45	1	2	0	0	4	0	9	0	3	0	22	2
SMR	112	100	108	110	125	102	100	150	-	-	125	-	167	-	67	-	114	0
% OF TOTAL DEATHS	100.0	2.1	7.2	39.2	15.5	23.7	0.5	1.5	0.0	0.0	2.6	0.5	7.7	0.0	1.0	0.0	12.9	0.0
5 - 14																		
OBSERVED DEATHS	230	6	30	127	84	43	2	1	0	5	0	0	21	0	1	0	8	0
EXPECTED DEATHS	182	7	23	89	51	38	1	1	0	4	0	0	10	0	0	0	11	1
SMR	131	86	130	143	165	113	200	100	-	125	-	-	210	-	-	-	73	0
% OF TOTAL DEATHS	100.0	2.6	13.0	55.2	36.5	18.7	0.9	0.4	0.0	2.2	0.0	0.0	9.1	0.0	0.4	0.0	3.5	0.0
15 - 24																		
OBSERVED DEATHS	979	10	35	518	421	97	3	2	0	208	6	1	105	2	0	0	8	4
EXPECTED DEATHS	726	21	36	356	277	79	5	1	0	95	5	1	111	0	0	0	9	11
SMR	144	48	97	146	152	123	60	200	-	219	120	100	95	-	-	-	89	36
% OF TOTAL DEATHS	100.0	1.0	3.6	52.9	43.0	9.9	0.3	0.2	0.0	21.2	0.6	0.1	10.7	0.2	0.0	0.0	0.8	0.4
25 - 44																		
OBSERVED DEATHS	2838	197	306	828	543	285	36	18	53	416	25	138	216	97	1	2	20	100
EXPECTED DEATHS	2409	279	369	497	291	206	60	17	37	210	39	81	191	21	0	1	15	216
SMR	120	71	83	167	187	138	60	106	143	198	64	170	113	462	-	200	133	46
% OF TOTAL DEATHS	100.0	6.9	10.8	29.2	19.1	10.0	1.3	0.6	1.9	14.7	0.9	4.9	7.6	3.4	0.0	0.1	0.7	3.5
45 - 64																		
OBSERVED DEATHS	5711	1478	1833	442	227	215	192	227	189	179	87	272	70	87	0	12	8	29
EXPECTED DEATHS	6495	1996	2287	258	124	134	266	215	144	118	98	199	49	39	0	15	13	55
SMR	89	74	80	171	183	160	72	106	131	152	89	137	143	223	-	80	61	53
% OF TOTAL DEATHS	100.0	25.9	32.1	7.7	4.0	3.8	3.4	4.0	3.3	3.1	1.5	4.8	1.2	1.5	0.0	0.2	0.1	0.5
65 - 74																		
OBSERVED DEATHS	6663	1990	2046	266	88	178	290	445	253	76	131	131	25	39	0	40	8	2
EXPECTED DEATHS	7728	2793	2348	142	54	88	436	430	174	53	170	99	12	14	0	42	7	5
SMR	85	71	86	187	163	202	67	103	145	143	77	132	208	279	-	95	114	40
% OF TOTAL DEATHS	100.0	29.9	30.8	4.0	1.3	2.7	4.4	6.7	3.8	1.1	2.0	2.0	0.4	0.6	0.0	0.6	0.1	0.0
75+																		
OBSERVED DEATHS	13917	4876	2369	411	80	331	1238	836	367	66	815	64	19	14	1	259	14	1
EXPECTED DEATHS	15727	6638	2648	268	57	211	1496	642	273	48	845	57	9	3	0	262	9	1
SMR	90	73	89	153	140	157	83	130	134	137	96	112	211	467	-	99	156	100
% OF TOTAL DEATHS	100.0	35.0	17.0	3.0	0.6	2.4	8.9	6.0	2.6	0.5	5.9	0.5	0.1	0.1	0.0	1.9	0.1	0.0

SMR not calculated for expected deaths equal to zero.

For New Mexicans age 45-64, cancer accounts for 32% of all deaths and heart disease for 26%. Though these two causes account for over half of all deaths in this age group, SMRs indicate a level of mortality below expected. By this age, accident mortality accounts for only 8% of all deaths but mortality for motor vehicle accidents is nearly 2 times the expected level, and for "other accidents" it is 60% higher. Other excess mortality is indicated for COPD (6%), diabetes (31%), suicide (52%), homicide (43%), cirrhosis (37%), and death from alcoholism is over twice the expected level.

By age 65-74, heart disease and cancer account for 61% of deaths. Ranking third, COPD accounts for 7% of deaths as accident mortality had dropped to only 4% of the total. Excess mortality in this age group is noted for motor vehicle accidents (63%), other accidents (102%), diabetes (45%), suicide (43%), cirrhosis (32%), homicide (108%), and deaths from alcoholism is over 2 1/2 times the expected level.

One out of every three deaths occurring to New Mexicans 75 years of age and older is due to heart disease; one out of every six is due to cancer, and one out of eleven is due to stroke. SMRs for heart disease, cancer, stroke, influenza/pneumonia and atherosclerosis are below 100 (less deaths than expected). Only 19% of accidental deaths for this age group is due to motor vehicle accidents though accidental death is 53% higher than expected. Other notable excess mortality is noted for COPD, diabetes, suicide, cirrhosis, homicide and, as for younger age groups, alcoholism (Table 3.21).

YEARS OF POTENTIAL LIFE LOST

Years of potential life lost (YPLL) is a measure of the number of years of potential life lost by each death occurring before a predetermined end point (the average expected lifetime).

This measure counts deaths at younger ages more heavily than those at older ages: the younger the person in general, the greater the number of potential years of life yet available to that individual. A further refinement is to focus on deaths of persons dying in the 1-64 year age group, thus setting apart the causes of death dominating the mortality of infancy and of the elderly as separate concerns.

The ranking of leading categories of underlying causes of death by contribution to premature mortality (YPLL) is presented in Figure 3.6 for New Mexico based on age-specific mortality for the two time periods.

Though accidents are the third leading cause of death in New Mexico, this category accounts for the greatest percentage of years of potential life lost in the State (Figure 3.6): 29% for the period 1987-89.

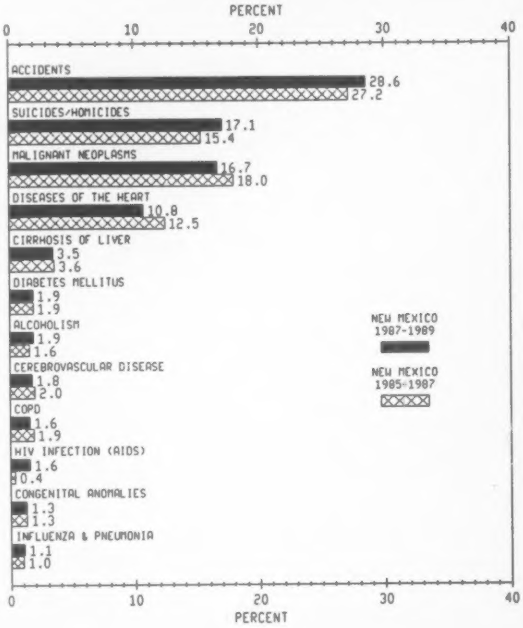
Cancer which ranks as the second leading cause of death in the State, accounts for the third largest portion of YPLL-nearly 17% YPLL for the period 1987-89.

The leading cause of death in the State - heart disease- accounts for 11% of YPLL for the period 1987-89.

Suicide/homicide ranks second in New Mexico in the percentage of years of potential life lost, exceeding heart disease by 58% for the period 1987-89 and exceeding the YPLL attributed to cancer in the State by 2%.

The four categories - accidents, suicide/homicide, cancer, heart disease - account for 73% of all years of potential life lost in New Mexico. The two violent categories account for 46% of YPLL in the State.

FIGURE 3.6
YEARS OF POTENTIAL LIFE LOST FOR PERSONS DYING IN THE 1-64 YEAR AGE GROUP ANTICIPATING AN EXPECTED AVERAGE LIFETIME OF 71 YEARS FOR MALES AND 78 YEARS FOR FEMALES
PERCENT CONTRIBUTION TO TOTAL YEARS BY CAUSE FOR NEW MEXICO RESIDENTS
1985-87, AND 1987-1989

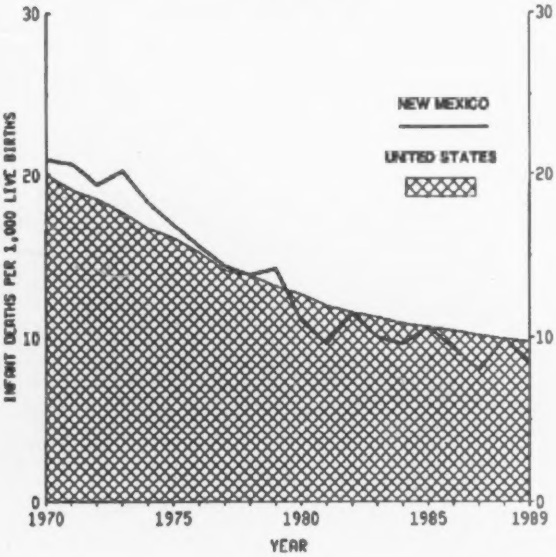


Breaking the suicide/homicide category into its two components shows that suicide accounts for 10.8% of YPLL in New Mexico and homicide 6.3%.

INFANT MORTALITY

As seen in Figure 3.7, the infant mortality rate in New Mexico has dropped appreciably.

FIGURE 3.7
INFANT MORTALITY RATE NEW MEXICO RESIDENTS AND UNITED STATES
1970 - 1989



In 1980, for the first time ever, New Mexico's infant mortality rate dropped below the national rate: 11.0 infant deaths per thousand live births in New Mexico compared to 12.6 nationally. The 1987 rate of 8.0, was the lowest rate ever recorded in New Mexico. In 1988 infant mortality increased to a rate of 9.9, then decreased to 8.5 in 1989, slightly lower than the national rate of 9.7.

Sixteen states reported a lower infant mortality rate in 1989 than did New Mexico. The States' infant mortality rates ranged from 5.9 (Vermont) to 12.5 (South Carolina). For the District of Columbia, infant mortality was 22.5 infant deaths per thousand live births.

Infant mortality decreased for the Mountain Division in 1989, as compared to the previous year (9.3). The lowest rate in 1989 was for the New England Division (Figure 3.8).

Increases in infant mortality rates in 1989 are noted for Black and Indian race/ethnic populations, while decreases are noted for the non-Hispanic and Hispanic White populations, from the prior year rates (Table 3.22).

Table 3.23 on the following page lists infant death rates by cause for the United States, 1988, and New Mexico by single years, 1985 through 1989.

FIGURE 3.8
UNITED STATES BY DIVISION INFANT MORTALITY RATE
1989

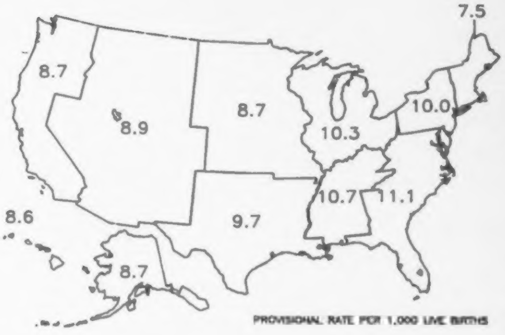


TABLE 3.22
NEW MEXICO RESIDENTS INFANT MORTALITY RATE BY ETHNIC/RACE
1982 - 1989

NEW MEXICO	1982	1983	1984	1985	1986	1987	1988	1989
ALL RACES	11.4	10.0	9.6	10.6	9.3	8.0	9.9	8.5
WHITE								
Non-Hispanic	11.8	10.9	9.6	11.8	9.3	7.7	10.8	8.0
Hispanic	11.0	8.8	9.5	9.6	8.6	7.7	8.9	7.6
BLACK	12.5	12.7	6.3	14.8	13.3	19.9	12.8	16.6
INDIAN	12.3	11.1	10.4	10.2	11.3	8.0	10.9	11.1
Pueblo	8.2	9.1	4.9	11.9	6.4	4.5	15.2	8.9
Navajo	14.6	12.2	12.0	10.2	11.0	7.9	9.4	11.2
Apache	6.1	10.0	11.4	16.8	32.3	29.8	20.0	26.0
ALL OTHER NON-WHITE	2.8	2.9	11.9	5.7	6.0	2.6	6.3	8.8

Rates Per 1,000 Live Births

Decreases by cause in the State in 1989 are noted for congenital anomalies, respiratory distress syndrome, sudden infant death syndrome and accidents, while the short gestation and low birth weight category increased 8% from the previous year.

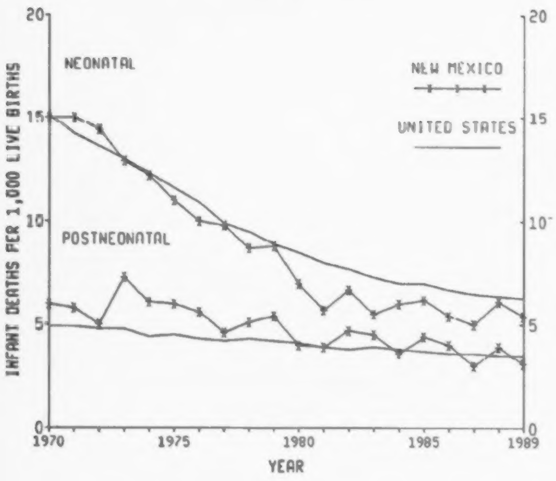
"Conditions originating in the perinatal period" is the major component of infant mortality in the State; within this category "short gestation and low birth weight" and "respiratory distress syndrome" are the two largest causes of death. The second leading cause of infant mortality is "congenital anomalies" accounting for 26% of all 1989 infant deaths. The mortality rates presented in Table 3.23 are per 100,000 live births.

TABLE 3.23
INFANT MORTALITY RATES BY CAUSE NEW MEXICO RESIDENTS 1985-1989 UNITED STATES 1988
(Rates Per 100,000 Live Births)

ICDA	CAUSE OF DEATH, 9TH REVISION INTERNATIONAL	United States	New Mexico Single Year Data				
		1988	1989	1988	1987	1986	1985
	ALL CAUSES	995.3	850.9	995.0	800.1	931.1	1060.1
036	MENINGOCOCCAL INFECTION	1.8	---	7.4	---	---	---
038	SEPTICEMIA	6.3	---	7.4	7.3	3.7	7.3
Residual of 001-139	OTHER INFECTIOUS & PARASITIC DISEASES	10.8	3.7	11.1	3.7	18.3	---
140-208	MALIGNANT NEOPLASMS	2.3	11.0	--	11.0	7.3	3.6
320-322	MENINGITIS	5.2	11.0	14.9	11.0	18.3	18.2
323-389	OTHER DISEASES OF NERVOUS SYSTEM & SENSE ORGANS	11.6	7.3	11.1	3.7	14.7	10.9
480-487	PNEUMONIA AND INFLUENZA	16.4	11.0	11.1	11.0	11.0	21.9
Residual of 460-519	OTHER DISEASES OF THE RESPIRATORY SYSTEM	14.8	7.3	11.1	7.3	11.0	---
520-579	DISEASES OF THE DIGESTIVE SYSTEM	9.7	11.0	11.1	7.3	7.3	18.2
740-759	CONGENITAL ANOMALIES	208.2	220.1	256.2	198.2	219.9	291.4
740	Anencephalus and similar anomalies	13.6	3.7	26.0	14.7	7.3	10.9
741	Spina bifida	1.8	---	---	---	3.7	3.6
742.3	Congenital Hydrocephalus	4.4	11.0	7.4	3.7	14.7	14.6
742.0-742.2, 742.4-742.9, 743	Other congenital anomalies of central nervous system and eye	8.5	14.7	3.7	3.7	7.3	18.2
745-746	Congenital anomalies of heart	66.0	77.0	81.7	77.1	58.6	94.7
747	Other congenital anomalies of circulatory system	14.9	14.7	7.4	7.3	---	7.3
748	Congenital anomalies of respiratory system	28.4	22.0	18.6	14.7	14.7	21.9
749-751	Congenital anomalies of digestive system	2.7	---	7.4	---	---	14.6
752-753	Congenital anomalies of genitourinary system	12.9	---	11.1	14.7	11.0	10.9
754-756	Congenital anomalies of musculoskeletal system	15.4	18.3	22.3	11.0	22.0	18.2
758.0	Down's syndrome	3.0	3.7	7.4	---	3.7	7.3
758.1-758.9	Other chromosomal anomalies	20.3	18.3	22.3	14.7	18.3	21.9
744, 757, 759	All other and unspecified congenital anomalies	16.2	36.7	40.8	36.7	58.6	47.4
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	461.3	370.4	423.2	356.0	381.2	419.0
760	Newborn affected by maternal conditions which may be unrelated to present pregnancy	3.8	18.3	7.4	7.3	3.7	7.3
761	Newborn affected by maternal complications of pregnancy	36.1	22.0	26.0	25.7	33.0	29.1
762	Newborn affected by complications of placenta, cord, and membranes	23.2	47.7	29.7	29.4	29.3	14.6
763	Newborn affected by other complications of labor and delivery	1.5	---	---	---	---	3.6
764	Slow fetal growth and fetal malnutrition	1.0	---	---	3.7	---	---
765	Disorders relating to short gestation and unspecified low birthweight	83.6	84.4	78.0	84.4	95.3	131.2
766	Disorders relating to long gestation and high birth weight	---	---	---	---	---	---
767	Birth trauma	5.5	3.7	7.4	11.0	3.7	3.6
768	Intrauterine hypoxia and birth asphyxia	19.9	7.3	18.6	11.0	7.3	25.5
768.2-768.4	Fetal distress in liveborn infant	4.9	3.7	7.4	---	3.7	10.9
768.5-768.9	Birth asphyxia	14.9	3.7	11.1	11.0	3.7	14.6
769	Respiratory distress syndrome	81.4	51.3	104.0	80.7	80.6	83.8
770	Other respiratory conditions of newborn	91.8	66.0	59.4	29.4	47.7	69.2
771	Infections specific to the perinatal period	22.5	14.7	18.6	29.4	25.7	21.9
772	Neonatal hemorrhage	8.3	3.7	14.9	7.3	3.7	---
773-774	Hemolytic disease of newborn, due to isoimmunization and other perinatal jaundice	1.2	3.7	3.7	---	7.3	---
775.0-775.1	Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus	0.2	---	---	---	---	---
776.0	Hemorrhagic disease of newborn	0.1	---	---	---	---	---
775.2-775.9 & 776.1-779	All other and ill-defined conditions originating in the perinatal period	81.5	47.7	55.7	36.7	44.0	29.1
780-799	SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	165.9	132.0	167.1	143.1	164.9	182.2
798.0	Sudden infant death syndrome	140.1	132.0	163.4	135.8	157.6	174.9
780-797, 798.1-799	Symptoms, signs and all other ill-defined conditions	25.8	---	3.7	7.3	7.3	7.3
E800-E949	ACCIDENTS AND ADVERSE EFFECTS	23.9	25.7	26.0	14.7	18.3	29.1
E960-E969	HOMICIDE	8.1	29.3	18.6	7.3	18.3	14.6
E967	Child battering and other maltreatment	2.8	22.0	14.9	3.7	7.3	14.6
E960-E966, E968-E969	Other homicide	5.3	7.3	3.7	3.7	11.0	---
Residual	ALL OTHER CAUSES	48.8	11.0	18.6	18.4	36.7	43.7

As seen in Figure 3.9, since 1973 the State's neonatal mortality rate has been below the national level. In 1980, the State's rate dropped appreciably lower than the U.S. figure. From 1981 to 1986 the State's rate ranged from 11 to 29 percent below the national level and dropped to its lowest level ever rate of 5.0 in 1987. For 1988 New Mexico's neonatal death rate increased to 6.1, a rate 3% lower than the national rate of 6.3 per 1,000 live births. In 1989 the neonatal death rate dropped to a rate of 5.4, 14% lower than the national rate of 6.3.

FIGURE 3.9
NEONATAL AND POSTNEONATAL MORTALITY RATES NEW MEXICO RESIDENTS AND UNITED STATES
1970 - 1989

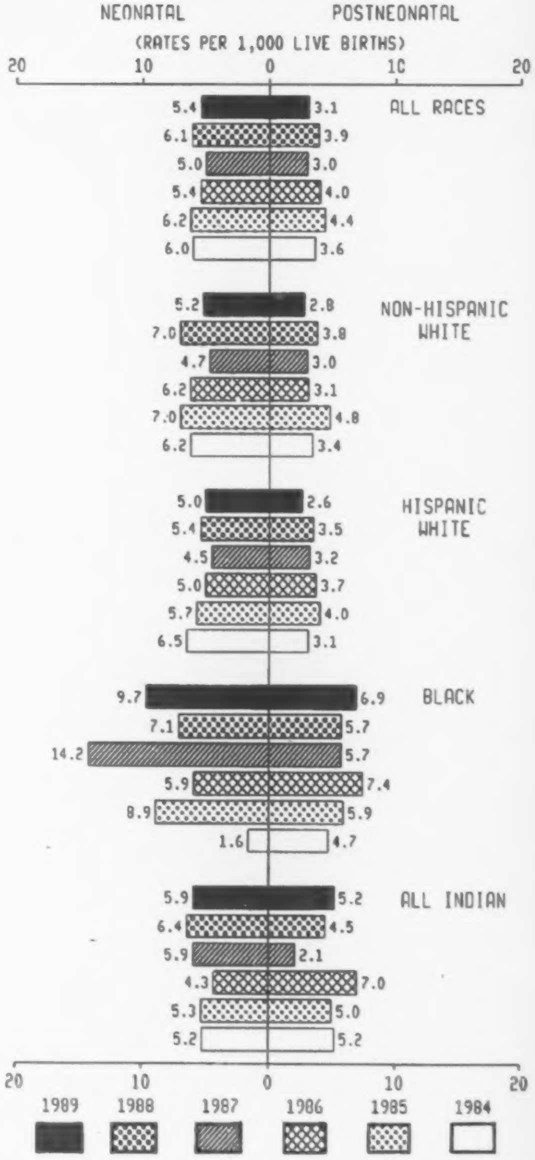


In the postneonatal period, in 1980, for the first time, the State's rate dropped below the U.S. rate (4.0 compared to 4.1 nationally). By 1987, New Mexico's rate had dropped to it lowest level ever - 3.0 per 1,000 live births, 17% lower than nationally. In 1988 the postneonatal mortality rate increased to a rate of 3.9 - a rate 8% higher than the national rate of 3.6. In 1989 the rate dropped to 3.1, 11% below the national rate of 3.5.

Figure 3.10 graphically illustrates the trends and levels of infant mortality in New Mexico in recent years for the State's four most populous race/ethnic groups. The lowest neonatal mortality rate in 1989 was the rate recorded for New Mexico's Hispanic White population. The 1989 neonatal mortality rate increased 37% for Blacks, but decreased for non-Hispanic and Hispanic Whites and Indians.

The 1989 postneonatal mortality rate decreased for the non-Hispanic and Hispanic Whites and increased for the Black and Indian populations.

FIGURE 3.10
NEONATAL AND POSTNEONATAL DEATH RATES BY ETHNIC/RACE NEW MEXICO RESIDENTS
1984 -1989



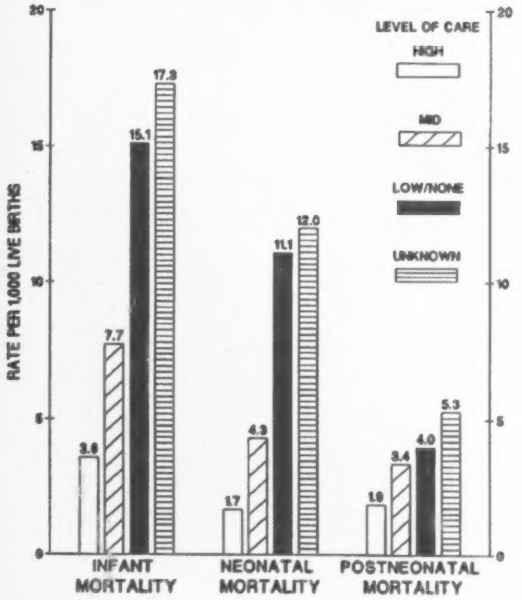
As was the case in previous years, infant mortality rates were higher for males than for females in New Mexico during 1989. The rate decreased over the previous year's rate for both. The States's highest infant mortality rate was noted for the Black population for both males and females (Table 3.24 on the following page).

TABLE 3.24
NEW MEXICO RESIDENTS, 1989
INFANT MORTALITY RATE BY ETHNIC/RACE AND SEX

(Rates Per 1,000 Live Births)

ETHNIC/RACE	MALE	FEMALE	TOTAL
ALL RACES:			
Infant Deaths	9.7	7.2	8.5
Neonatal Deaths	6.1	4.7	5.4
Postneonatal Deaths	3.7	2.6	3.1
NON-HISPANIC WHITE:			
Infant Deaths	8.3	7.6	8.0
Neonatal Deaths	5.3	5.0	5.2
Postneonatal Deaths	3.0	2.5	2.8
HISPANIC WHITE:			
Infant Deaths	8.0	7.1	7.6
Neonatal Deaths	5.4	4.6	5.0
Postneonatal Deaths	2.6	2.5	2.6
BLACK:			
Infant Deaths	22.2	11.0	16.6
Neonatal Deaths	11.1	8.2	9.7
Postneonatal Deaths	11.1	2.7	6.9
INDIAN:			
Infant Deaths	15.9	6.2	11.1
Neonatal Deaths	8.4	3.3	5.9
Postneonatal Deaths	7.5	2.9	5.2

FIGURE 3.11
NEW MEXICO RESIDENTS
INFANT, NEONATAL, POSTNEONATAL MORTALITY BY LEVEL OF PRENATAL CARE FOR THE 1986 TO 1988 BIRTH COHORTS



The marked increase in infant mortality with decreasing levels of prenatal care is presented in Figure 3.11 based on the 1986-1988 birth cohort.

A five year aggregate infant mortality rate by county is presented in Table 3.25. Neonatal mortality rates are higher than postneonatal mortality rates in 25 of the State's counties.

The highest postneonatal mortality rates were recorded in Harding and Mora counties.

TABLE 3.25
INFANT MORTALITY
NUMBER AND RATE BY COUNTY
NEW MEXICO RESIDENTS
1985 - 1989 AGGREGATE

	County	Total Infant Death Number	Total Infant Death Rate	Neonatal Number	Neonatal Rate	Postneonatal Number	Postneonatal Rate
	NEW MEXICO	1,263	9.3	764	5.6	499	3.7
	Bernalillo	397	9.7	253	6.2	144	3.5
	Cibola	27	10.9	14	5.7	13	5.3
	Mckinley	103	11.4	52	5.8	51	5.7
1	Sandoval	42	7.4	28	4.9	14	2.5
	San Juan	88	8.8	52	5.2	36	3.6
	Torrance	8	11.7	6	8.8	2	2.9
	Valencia	40	11.7	28	8.2	12	3.5
	Colfax	12	11.5	10	9.6	2	1.9
	Harding	2	28.6	1	14.3	1	14.3
H	Los Alamos	13	13.1	10	10.1	3	3.0
E	Mora	8	25.2	4	12.6	4	12.6
A 2	Rio Arribo	33	9.1	19	5.2	14	3.9
L	San Miguel	20	8.7	11	4.8	9	3.9
T	Santa Fe	40	5.5	24	3.3	16	2.2
H	Taos	19	10.2	15	8.0	4	2.1
	Union	7	20.8	6	17.9	1	3.0
D	Catron	44	17.0	3	17.0	0	--
I	Dona Ana	88	7.3	56	4.7	32	2.7
S	Grant	17	7.6	11	4.9	6	2.7
T 3	Hidalgo	3	5.8	1	1.9	2	3.9
R	Luna	9	6.2	6	4.1	3	2.1
I	Otero	65	11.7	35	6.3	30	5.4
C	Sierra	8	15.2	6	11.4	2	3.8
T	Socorro	8	6.4	4	3.2	4	3.2
S							
	Chaves	48	10.1	25	5.2	23	4.8
	Curry	39	8.9	19	4.3	20	4.5
	De Baca	0	--	0	--	0	--
	Eddy	41	10.2	25	6.2	16	4.0
4	Guadalupe	3	8.5	1	2.8	2	5.6
	Lea	44	7.9	25	4.5	19	3.4
	Lincoln	7	6.7	4	3.8	3	2.9
	Quay	6	7.6	2	2.5	4	5.1
	Roosevelt	15	10.8	8	5.8	7	5.1

Rates per 1,000 Live Births.

Analysis of 1989 New Mexico infant mortality by cause and age is presented in Table 3.26.

In 1989, 37% of all infant deaths occurred in the postneonatal period; 33% at less than one day; 17% at 1-6 days and 14% at 7-27 days.

Disorders relating to short gestation and unspecified low birth weight accounted for 29% of the deaths for infants under one day of age in 1989.

For infants 1-6 days of age, respiratory distress syndrome accounted for 13% of deaths in 1989.

Certain conditions originating in the perinatal period was the leading cause of death of infants in the 7-27 days age bracket, accounting for 50% of the deaths.

TABLE 3.26
INFANT MORTALITY RATES BY CAUSE/AGE
NEW MEXICO RESIDENTS 1989
(Rates Per 100,000 Live Births)

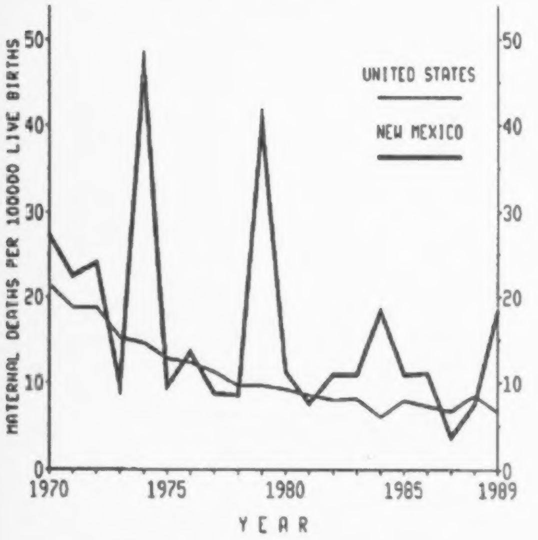
ICDA	CAUSE OF DEATH, 9TH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES	NEW MEXICO INFANT DEATH RATES				
		< 1 DAY	1-6 DAYS	7-27 DAYS	28 DAYS < 1 YEAR	TOTAL
	ALL CAUSES	278.7	143.0	117.4	311.8	850.9
036	MENINGOCOCCAL INFECTION	---	---	---	---	---
038	SEPTICEMIA	---	---	---	---	---
Residual of 001-139	OTHER INFECTIOUS & PARASITIC DISEASES	---	---	---	3.7	3.7
140-208	MALIGNANT NEOPLASMS	---	---	3.7	7.3	11.0
320-322	MENINGITIS	---	---	---	11.0	11.0
323-389	OTHER DISEASES OF NERVOUS SYSTEM & SENSE ORGANS	---	---	---	7.3	7.3
480-487	PNEUMONIA AND INFLUENZA	---	---	3.7	7.3	11.0
Residual of 460-519	OTHER DISEASES OF THE RESPIRATORY SYSTEM	---	---	---	7.3	7.3
520-579	DISEASES OF THE DIGESTIVE SYSTEM	---	---	---	11.0	11.0
740-759	CONGENITAL ANOMALIES	58.7	69.7	40.3	51.3	220.1
740	Anencephalus and similar anomalies	3.7	---	---	---	3.7
741	Spina bifida	---	---	---	---	---
742.3	Congenital Hydrocephalus	---	7.3	---	3.7	11.0
742.0-742.2, 742.4-742.9, 743	Other congenital anomalies of central nervous system and eye	---	7.3	---	7.3	14.7
745-746	Congenital anomalies of heart	3.7	29.3	25.7	18.3	77.0
747	Other congenital anomalies of circulatory system	--	11.0	---	3.7	14.7
748	Congenital anomalies of respiratory system	22.0	---	---	---	22.0
749-751	Congenital anomalies of digestive system	---	---	---	---	---
752-753	Congenital anomalies of genitourinary system	---	---	---	---	---
754-756	Congenital anomalies of musculoskeletal system	7.3	7.3	---	3.7	18.3
758.0	Down's syndrome	---	---	3.7	---	3.7
758.1-758.9	Other chromosomal anomalies	3.7	---	7.3	7.3	18.3
744, 757, 759	All other and unspecified congenital anomalies	18.3	7.3	3.7	7.3	36.7
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	220.1	73.4	58.7	18.3	370.4
760	Newborn affected by maternal conditions which may be unrelated to present pregnancy	7.3	7.3	3.7	---	18.3
761	Newborn affected by maternal complications of pregnancy	22.0	---	---	---	22.0
762	Newborn affected by complications of placenta, cord, and membranes	44.0	3.7	---	---	47.7
763	Newborn affected by other complications of labor and delivery	---	---	---	---	---
764	Slow fetal growth and fetal malnutrition	---	---	---	---	---
765	Disorders relating to short gestation and unspecified low birthweight	80.7	---	3.7	---	84.4
766	Disorders relating to long gestation and high birth weight	---	---	---	---	---
767	Birth trauma	---	3.7	---	---	3.7
768	Intrauterine hypoxia and birth asphyxia	3.7	3.7	---	---	7.3
768.2-768.4	Fetal distress in liveborn infant	---	3.7	---	---	3.7
768.5-768.9	Birth asphyxia	3.7	---	---	---	3.7
769	Respiratory distress syndrome	14.7	18.3	14.7	3.7	51.3
770	Other respiratory conditions of newborn	18.3	18.3	18.3	11.0	66.0
771	Infections specific to the perinatal period	7.3	7.3	---	---	14.7
772	Neonatal hemorrhage	---	3.7	---	---	3.7
773-774	Hemolytic disease of newborn, due to isoimmunization and other perinatal jaundice	3.7	---	---	---	3.7
775.0-775.1	Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus	---	---	---	---	---
776.0	Hemorrhagic disease of newborn	---	---	---	---	---
775.2-775.9 & 776.1-779	All other and ill-defined conditions originating in the perinatal period	18.3	7.3	18.3	3.7	47.7
780-799	SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	---	---	7.3	124.7	132.0
798.0	Sudden infant death syndrome	---	---	7.3	124.7	132.0
780-797, 798.1-799	Symptoms, signs and all other ill-defined conditions	---	---	---	---	---
E800-E949	ACCIDENTS AND ADVERSE EFFECTS	---	---	---	25.7	25.7
E960-E969	HOMICIDE	---	---	3.7	25.7	29.3
E967	Child battering and other maltreatment	---	---	---	22.0	22.0
E960-E966, E968-E969	Other homicide	---	---	3.7	3.7	7.3
Residual	ALL OTHER CAUSES	---	---	---	11.0	11.0

Sudden infant death syndrome (SIDS) was the leading cause of death in the postneonatal period in 1989 (Table 3.26).

MATERNAL MORTALITY

Maternal mortality increased over the prior year in New Mexico and decreased nationally, though the reader is cautioned about the high rates and sometimes drastic changes in rates resulting from the relatively small number of maternal deaths in New Mexico in recent years. Also, the reader is reminded that these figures do not represent the deaths of all pregnant women but rather only those deaths attributed to complications of pregnancy, childbirth and puerperium (ICDA codes 630-676) according to guidelines set forth by the National Center for Health Statistics.

FIGURE 3.12
MATERNAL MORTALITY RATE NEW MEXICO RESIDENTS & UNITED STATES 1970 - 1989



In 1989, the deaths of 5 New Mexico resident women were attributed to complications of pregnancy, childbirth and puerperium; the number of deaths increased from the prior year, when 2 maternal deaths were reported.

In 1983 there were 3 maternal deaths reported resulting in a rate of 10.9. The 1984 rate was 18.3, decreasing to 10.9 in 1985, increasing to a rate of 11.0 in 1986, decreasing to 3.7 in 1987, increasing to a rate of 7.4 in 1988 and further increasing to a rate of 18.3 in 1989.

There were 260 maternal deaths reported nationally during 1989 for a rate of 6.5 per 100,000 live births; the rate decreased 23% from the 1988 rate.

TABLE 3.27
MATERNAL MORTALITY BY ETHNIC/RACE NEW MEXICO RESIDENTS 1985-1989 UNITED STATES 1986-1988

	1989		1988		1987		1986	
ETHNIC/RACE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
NEW MEXICO:								
ALL RACES	5	18.3	2	7.4	1	3.7	3	11.0
White	2	9.1	1	4.6	-	--	3	13.3
Hispanic	1	7.7	-	--	-	--	-	--
Non-Hispanic	1	11.0	1	10.6	-	--	3	29.3
Black	2	275.9	-	--	-	--	-	--
Indian	1	23.7	-	--	1	25.8	-	--
Other	-	--	1	317.5	-	--	-	--
UNITED STATES:								
ALL RACES	260*	6.5	330	8.4	251	6.6	272	7.2
White	N/A		180	4.6	153	5.1	146	4.9
Other	N/A		150	3.8	98	12.0	126	16.0

Rate per 100,000 Live Births
* Provisional

The State's maternal death rate rose in 1989 to rate of 18.3 - a rate 181.5% higher than the national rate of 6.5 (Table 3.27).

The causes of maternal death in the State over the last five years (1985-89) have included: postpartum hemorrhage, hypertensive conditions of pregnancy, ectopic pregnancy,

Table 3.28 presents latest available U.S. (1988) maternal mortality by age group as well as New Mexico data for two time periods, 1984-86 and 1987-89.

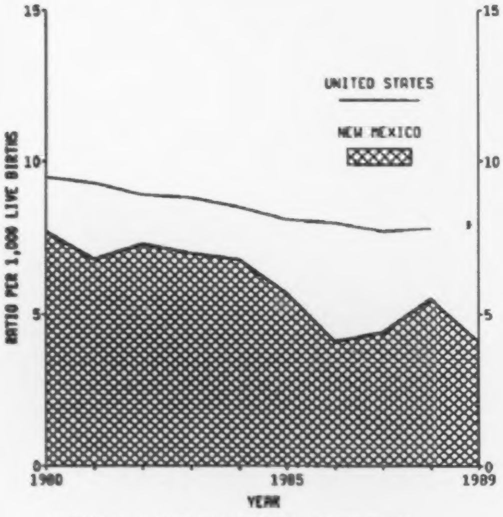
TABLE 3.28
MATERNAL MORTALITY RATES BY AGE OF MOTHER NEW MEXICO RESIDENTS 1984-1986, 1987-1989 AVERAGES UNITED STATES 1988 (RATES PER 100,000 LIVE BIRTHS)

AGE GROUP	UNITED STATES 1988		NEW MEXICO 1984-1986		NEW MEXICO 1987-1989	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
< 15	0	--	0	--	0	--
15-19	34	7.1	0	--	3	24.0
20-24	77	7.2	2	7.3	0	--
25-29	76	6.1	2	8.4	2	8.4
30-34	75	9.3	4	30.5	2	14.1
35-39	52	19.3	3	68.5	0	--
40 +	16	39.2	0	--	1	107.9
TOTAL	330	8.4	11	13.4	8	9.8

FETAL MORTALITY

A fetal death is defined as a death in utero. New Mexico statute had, up through 1979, required the reporting of all fetal deaths of 20 weeks or more gestation, however, in 1980, the regulations were revised to base the requirement on weight rather than gestation. The law now requires the reporting of fetal deaths weighing 500 or more grams.

FIGURE 3.13
FETAL MORTALITY RATIOS
NEW MEXICO AND UNITED STATES
1980-1989



*(1989 U.S. DATA NOT AVAILABLE AT PRINTING)

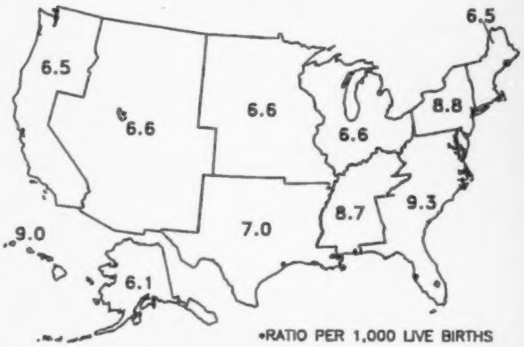
New Mexico's 1989 total of 111 fetal deaths resulted in a fetal death ratio of 4.1 fetal deaths per thousand live births. This represents a decrease from the 1988 figure of 147 fetal deaths and a ratio of 5.5.

New Mexico's fetal death ratio for 1989 is lower than the 1988 national ratio of 7.8 fetal deaths per thousand live births. The State's fetal death ratio has consistently been lower than the national ratio (Figure 3.13). The lowest ratios nationwide are noted for the Pacific and New England Divisions (Figure 3.14).

New Mexico's fetal death ratios by age of mother (Figure 3.15) are lower than nationally with the exception of the under 15 age group for which the fetal death ratio is the same as nationally: the general trend is high rates for younger and older women.

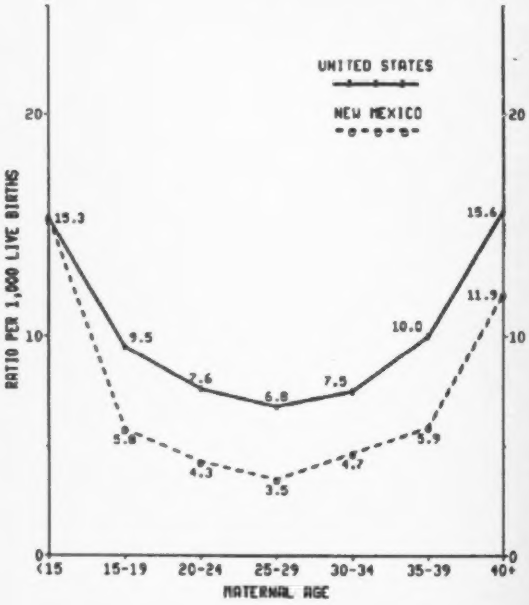
Fetal death data for New Mexico counties are presented in Table 3.29 on the following page for a seven year period. Notable fluctuations in ratios are noted for some counties because of the small number of events involved.

FIGURE 3.14
UNITED STATES BY DIVISION
FETAL DEATH RATIOS*
1988



*RATIO PER 1,000 LIVE BIRTHS

FIGURE 3.15
FETAL DEATH RATIO BY AGE OF MOTHER
NEW MEXICO RESIDENTS
1987-1989 AGGREGATE
UNITED STATES 1988



The fetal death ratio for New Mexico decreased from 1988 to 1989 for all of the State's major race/ethnic groups.

In 1989, thirty-four percent of the fetal deaths reported an unknown or unspecified cause of death. For specified causes, "Fetus affected by complications of placenta, cord and membranes" was the category most often cited as cause of death (Table 3.30 on page 62).

TABLE 3.29
FETAL DEATHS
NUMBER AND RATIO BY COUNTY
NEW MEXICO RESIDENTS 1983-1989

		1989		1988		1987		1986		1985		1984		1983	
	COUNTY	NO.	RATIO	NO.	RATIO	NO.	RATIO	NO.	RATIO	NO.	RATIO	NO.	RATIO	NO.	RATIO
	NEW MEXICO	111	4.1	147	5.5	121	4.4	111	4.1	157	5.7	186	6.8	192	7.0
	BERNALILLO	33	4.1	47	5.8	46	5.4	31	3.8	36	4.5	61	7.8	52	6.8
	CIBOLA	2	3.9	2	4.1	4	8.1	2	4.5	..	..	4	7.5	5	8.7
	MCKINLEY	11	5.7	10	5.4	7	3.9	8	4.6	8	4.7	10	6.0	11	6.6
1	SANDOVAL	8	6.3	6	5.1	5	4.2	3	2.8	6	6.1	9	10.0	8	10.1
	SAN JUAN	10	5.2	9	4.8	6	3.1	8	3.8	14	6.3	7	3.1	16	6.9
	TORRANCE	2	15.5	1	8.0	..	..	..	..	1	7.4	1	7.4	1	6.8
	VALENCIA	2	2.6	3	4.6	1	1.4	1	1.5	4	6.4	3	4.8	2	3.4
	COLFAX	2	10.8	..	..	..	..	4	19.5	4	15.6	..	..	4	16.0
	HARDING	0	..	..	..	..	..	1	76.9	..	..	..	..	..	..
	LOS ALAMOS	0	..	2	10.8	1	5.1	..	..	3	14.7	1	5.0	4	19.4
H	MORA	0	..	..	..	..	..	1	15.6	2	27.8	..	..	..	..
E 2	RIO ARRIBA	1	1.3	3	4.4	4	5.5	2	2.8	2	2.6	6	8.2	4	5.9
A	SAN MIGUEL	5	11.1	1	2.1	4	8.8	2	4.4	4	8.6	2	4.0	4	8.3
L	SANTA FE	7	4.8	8	5.4	5	3.4	10	6.7	6	4.1	8	5.6	19	13.9
T	TAOS	1	2.8	..	..	2	6.7	3	7.6	1	2.2	2	4.5	1	2.2
H	UNION	0	..	1	14.9	1	14.1	..	..	2	26.3	..	..	1	12.5
D	CATRON	0	..	..	..	..	..	..	..	..	..	..	..	..	..
I	DONA ANA	9	3.3	9	3.6	7	2.9	10	4.4	10	4.7	11	4.8	9	4.3
S	GRANT	0	..	5	11.9	..	..	4	9.0	2	3.9	8	17.0	4	8.6
T 3	HIDALGO	0	..	..	..	..	..	..	..	..	..	..	..	..	..
R	LUNA	2	6.8	5	17.5	..	..	..	..	1	3.3	4	13.7	2	6.8
I	OTERO	2	1.9	8	7.2	6	5.5	3	2.5	5	4.5	4	3.7	6	5.2
C	SIERRA	0	..	1	8.7	..	..	..	..	..	..	..	..	..	..
T	SOCORRO	1	4.1	..	..	1	3.8	..	..	1	4.0	1	4.2	..	..
S															
	CHAVES	6	6.3	7	7.7	4	4.5	4	4.0	4	4.0	8	7.5	11	9.4
	CURRY	3	3.6	6	6.9	8	8.8	3	3.4	10	11.2	3	3.1	6	6.6
	DE BACA	0	..	1	30.3	..	..	..	..	..	..	..	..	1	23.8
	EDDY	3	3.9	9	12.2	1	1.4	2	2.3	10	11.3	8	8.6	10	9.8
4	GUADALUPE	0	..	1	12.0	1	15.4	..	..	..	..	..	..	..	..
	LEA	0	..	..	..	6	5.8	6	4.9	15	11.0	14	10.2	2	1.3
	LINCOLN	1	5.6	1	6.0	..	..	1	4.1	4	16.3	5	20.3	2	7.9
	QUAY	0	..	..	..	1	6.7	1	6.0	..	..	3	16.4	2	12.1
	ROOSEVELT	0	..	1	3.8	..	..	1	3.5	2	7.0	3	11.2	5	17.0

Ratio per 1,000 Live Births.

TABLE 3.30
FETAL DEATHS
NUMBER AND RATIO BY CAUSE AND ETHNIC/RACE
NEW MEXICO RESIDENTS 1989

CAUSE		TOTAL		NON-HISPANIC WHITE		HISPANIC WHITE		BLACK		INDIAN		OTHER & UNSPECIFIED	
9th Revision ICDA #		NO.	RATIO	NO.	RATIO	NO.	RATIO	NO.	RATIO	NO.	RATIO	NO.	RATIO
	ALL FETAL DEATHS	111	4.1	33	3.6	51	3.9	4	5.5	21	5.0	2	5.9
740-759	CONGENITAL ANOMALIES	10	0.4	2	0.2	7	0.5	1	1.4	0	..	0	..
760.0-760.9	FETUS AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	5	0.2	2	0.2	3	0.2	0	..	0	..	0	..
760.0	Maternal hypertensive disorders	2	0.1	1	0.1	1	0.1	0	..	0	..	0	..
760.1	Maternal renal and urinary tract diseases	0	..	0	..	0	..	0	..	0	..	0	..
760.2	MATERNAL INFECTION	2	0.1	0	..	2	0.2	0	..	0	..	0	..
760.3	Other chronic maternal circulatory and respiratory diseases	0	..	0	..	0	..	0	..	0	..	0	..
760.5	Maternal injury	1	0.0	1	0.1	0	..	0	..	0	..	0	..
760.8	Other	0	..	0	..	0	..	0	..	0	..	0	..
761.0-761.9	FETUS AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	10	0.4	2	0.2	5	0.4	0	..	3	0.7	0	..
761.0	Incompetent cervix	1	0.0	1	0.1	0	..	0	..	0	..	0	..
761.1	Premature rupture of membranes	6	0.2	1	0.1	4	0.3	0	..	1	0.2	0	..
761.2	Oligohydramnios	3	0.1	0	..	1	0.1	0	..	2	0.5	0	..
761.3	Polyhydramnios	0	..	0	..	0	..	0	..	0	..	0	..
761.5	Multiple pregnancy	0	..	0	..	0	..	0	..	0	..	0	..
761.6	Maternal deaths	0	..	0	..	0	..	0	..	0	..	0	..
761.8	Other	0	..	0	..	0	..	0	..	0	..	0	..
762	FETUS AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	39	1.4	13	1.4	19	1.5	1	1.4	6	1.4	0	..
763	FETUS AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	1	0.0	0	..	0	..	0	..	1	0.2	0	..
764	SLOW FETAL GROWTH AND FETAL MALNUTRITION	1	0.0	1	0.1	0	..	0	..	0	..	0	..
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	0.0	0	..	1	0.1	0	..	0	..	0	..
767	BIRTH TRAUMA	1	0.0	0	..	1	0.1	0	..	0	..	0	..
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	0	..	0	..	0	..	0	..	0	..	0	..
769	RESPIRATORY DISTRESS	0	..	0	..	0	..	0	..	0	..	0	..
770	OTHER RESPIRATORY CONDITIONS OF FETUS	1	0.0	1	0.1	0	..	0	..	0	..	0	..
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	1	0.0	0	..	1	0.1	0	..	0	..	0	..
772	FETAL HEMORRHAGE	0	..	0	..	0	..	0	..	0	..	0	..
773	HAEMOLYTIC DISEASE OF FETUS DUE TO ISOIMMUNIZATION	0	..	0	..	0	..	0	..	0	..	0	..
775	SYNDROME OF"INFANT OF A DIABETIC MOTHER"	0	..	0	..	0	..	0	..	0	..	0	..
776	HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN	0	..	0	..	0	..	0	..	0	..	0	..
777	PERINATAL DISORDERS OF DIGESTIVE SYSTEM	0	..	0	..	0	..	0	..	0	..	0	..
778.0	HYDROPS FETALIS NOT DUE TO ISOIMMUNIZATION	2	0.1	1	0.1	1	0.1	0	..	0	..	0	..
779.8	OTHER	1	0.0	0	..	1	0.1	0	..	0	..	0	..
779.9	CAUSE UNKNOWN/UNSPECIFIED	38	1.4	11	1.2	12	0.9	2	2.8	11	2.6	2	5.9

Ratio Per 1,000 Live Births
0.0 Equals less Than a Tenth of One Percent

TABLE 3.31
NEW MEXICO RESIDENTS
MORTALITY BY COUNTY
1989

HEALTH DISTRICTS		DEATHS		DEATH RATE PER 1,000 POP		INFANT MORTALITY NEONATAL		POSTNEONATAL		TOTAL INFANT DEATH		MATERNAL	FETAL	DEATHS
	COUNTY	MALE	FEMALE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	DEATHS	NO.	RATIO
	NEW MEXICO	5787	4686	10473	6.8	147	5.4	85	3.1	232	8.5	5	111	4.1
	BERNALILLO	1694	1465	3159	6.3	38	4.7	21	2.6	59	7.3	3	33	4.1
	CIBOLA	94	66	160	7.7	5	9.8	2	3.9	7	13.7	0	2	3.9
	MCKINLEY	214	151	365	5.4	12	6.3	12	6.3	24	12.5	0	11	5.7
1	SANDOVAL	199	131	330	5.2	2	1.6	2	1.6	4	3.2	0	8	6.3
	SAN JUAN	316	219	535	6.2	22	11.5	7	3.7	29	15.2	0	10	5.2
	TORRANCE	44	29	73	6.8	1	7.8	0	0.0	1	7.8	0	2	15.5
	VALENCIA	192	124	316	6.8	6	7.9	6	7.9	12	15.9	0	2	2.6
	COLFAX	70	57	127	9.5	2	10.8	0	0.0	2	10.8	0	2	10.8
	HARDING	3	1	4	4.0	0	0.0	0	0.0	0	0.0	0	0	0.0
	LOS ALAMOS	39	34	73	3.7	1	5.5	0	0.0	1	5.5	0	0	0.0
	MORA	22	11	33	7.7	0	0.0	0	0.0	0	0.0	0	0	0.0
2	RIO ARRIBA	139	101	240	7.3	4	5.4	1	1.3	5	6.7	0	1	1.3
	SAN MIGUEL	116	90	206	8.2	1	2.2	2	4.4	3	6.7	0	5	11.1
	SANTA FE	328	294	622	6.4	6	4.1	2	1.4	8	5.5	0	7	4.8
	TAOS	107	64	171	7.9	3	8.3	1	2.8	4	11.1	0	1	2.8
	UNION	32	23	55	12.2	1	18.2	0	0.0	1	18.2	0	0	0.0
	CATRON	11	12	23	8.2	0	0.0	0	0.0	0	0.0	0	0	0.0
	DONA ANA	386	327	713	5.4	14	5.2	6	2.2	20	7.4	1	9	3.3
	GRANT	142	112	254	9.3	1	2.4	1	2.4	2	4.8	0	0	0.0
3	HIDALGO	27	22	49	8.3	0	0.0	0	0.0	0	0.0	0	0	0.0
	LUNA	118	95	213	11.6	1	3.4	1	3.4	2	6.8	0	2	6.8
	OTERO	187	142	329	6.4	6	5.6	6	5.6	12	11.3	0	2	1.9
	SIERRA	125	76	201	20.5	0	0.0	0	0.0	0	0.0	0	0	0.0
	SOCORRO	64	54	118	8.0	2	8.3	1	4.1	3	12.4	0	1	4.1
	CHAVES	278	273	551	9.9	6	6.3	4	4.2	10	10.5	0	6	6.3
	CURRY	133	135	268	6.3	3	3.6	4	4.8	7	8.4	0	3	3.6
	DE BACA	17	12	29	13.2	0	0.0	0	0.0	0	0.0	0	0	0.0
	EDDY	238	223	461	9.6	3	3.9	2	2.6	5	6.5	0	3	3.9
4	GUADALUPE	32	14	46	11.5	0	0.0	0	0.0	0	0.0	0	0	0.0
	LEA	213	181	394	7.0	3	3.2	2	2.1	5	5.3	1	0	0.0
	LINCOLN	49	45	94	7.1	1	5.6	1	5.6	2	11.1	0	1	5.6
	QUAY	79	47	126	11.2	1	6.9	1	6.9	2	13.8	0	0	0.0
	ROOSEVELT	79	56	135	8.3	2	7.1	0	0.0	2	7.1	0	0	0.0

Infant Mortality Rates and Fetal Death Ratios per 1,000 Live Births

COMMUNICABLE DISEASES

Data presented are limited to those diseases declared to be notifiable according to the regulations governing the reporting of such diseases in New Mexico.

AIDS

By the end of 1989, physicians and health departments in the United States and Puerto Rico had reported a total of 134,444 cases of acquired immundeficiency syndrom (AIDS) (84 cases were diagnosed prior to 1981). Of these 84 cases, 31 are known to have died, bringing the number of deaths to 82,192.

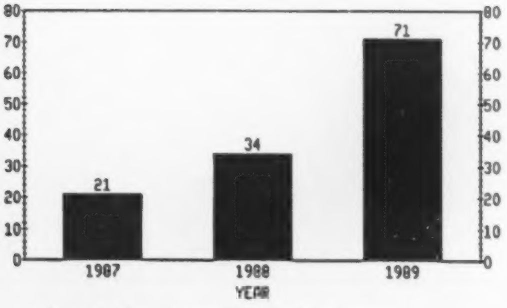
There were 94 cases of AIDS reported in New Mexico in 1989, bringing the state total since 1981 to 259 cases. The numbers of cases by year of diagnosis are presented in table 4.1. Presented in Figure 4.1 are New Mexico resident deaths due to HIV Infection (AIDS) by year of death for years 1987-1989.

TABLE 4.1
AIDS
NEW MEXICO REPORTED CASES AND DEATHS NEW MEXICO AND UNITED STATES CASE RATES BY YEAR OF DIAGNOSIS
1981-1989

	NEW MEXICO			UNITED STATES	
	CASES		DEATHS	CASES	
YEAR	NO.	RATE*		NO.	RATE*
1989	94	6.1	36	35,198	14.2
1988	57	3.8	42	32,339	13.2
1987	53	3.5	40	27,016	11.1
1986	30	2.0	27	18,210	7.6
1985	17	1.2	17	11,223	4.7
1984	6	0.4	6	5,992	2.5
1983	1	0.1	1	2,967	1.3
1982	0	0.0	0	1,110	0.5
1981	1	0.1	1	305	0.1

*RATE PER 100,000 POPULATION

FIGURE 4.1
NEW MEXICO RESIDENT DEATHS DUE TO HIV INFECTION (AIDS) BY YEAR OF DEATH
1987-1989



Additional AIDS mortality tabulations are presented in the mortality section of the report.

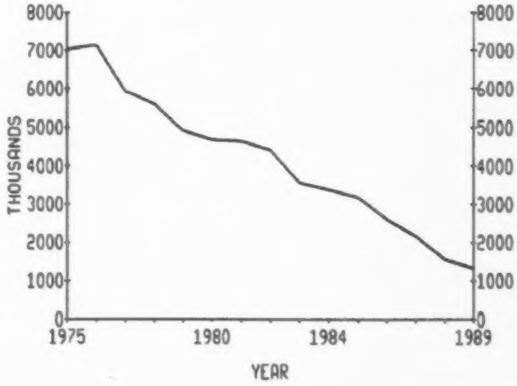
GONORRHEA / SYPHILIS

Between 1960 and 1975, the number of gonorrhea cases reported in the United States increased substantially, plateauing at about one million cases a year. Since 1975 the nation has experienced a downward trend in the number of cases.

In 1989, the provisional number of gonorrhea cases reported nationally increased to 733,151, a 2% increase from the 719,536 cases reported in 1988. Gonorrhea rates decreased to 297.4 per 100,000 population, down 0.4% from 1988, nationally.

New Mexico has experienced a decreasing trend in recent years in the number of reported cases. Since peaking in 1976 at 7,137 cases reported, the number per year has decreased to 1,323 cases in 1989.

FIGURE 4.2
GONORRHEA CASES REPORTED NEW MEXICO OCCURRENCES
1975-1989

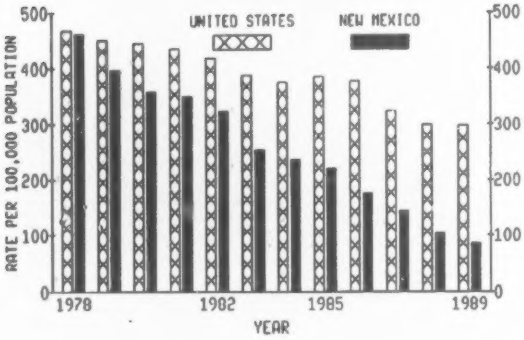


Comparison of case rates (number of cases per 100,000 population) for gonorrhea in New Mexico reflects the decreasing trend in the State which began in the mid-Seventies. In 1978, for the first time New Mexico's gonorrhea case rate was lower than nationally. The further decreases up through 1989 has left the State's rate 71% lower than the provisional 1989 national rate. This is a notable change from earlier years when New Mexico's rate was as much as 30% higher than the national rate.

Based on latest available (1987) data by state, New Mexico's gonorrhea case rate ranked thirty-fifth highest among the states, up from thirty-sixth in 1986. Florida reported the highest incidence rate among the states in 1987.

The decrease in the State's incidence rate in 1989 resulted from a decrease in incidence rates for all age groups except for the 0-14 age group which increased 10% from 4.9 to 5.4 (Table 4.2 on the following page).

FIGURE 4.3
GONORRHEA
CASES PER 100,000 POPULATION NEW MEXICO RESIDENTS AND UNITED STATES
1978 - 1989



The State's incidence rates are lower than national rates for all age groups based on comparison of 1988 U.S. data (which is the latest available national data by age) with 1989 New Mexico data.

The incidence of gonorrhea for New Mexicans age 0-14 is 78% lower than for the same age group nationally; for teens 15-19 it is 74% lower than for teens nationally; for persons in their early twenties it is 72% lower, late twenties, 68% lower; early thirties, 74% lower, 35 and older 61% lower.

The number of reported cases of gonorrhea and syphilis and case rates per 100,000 population for New Mexico's counties for 1989 are presented in Table 4.3. The gonorrhea case rates for 1989 ranged from a high of 352.1 for McKinley County to a low of 5.1 in Los Alamos County, with five counties reporting no cases. The rate decreased in twenty-one counties in 1989 resulting in an overall State decrease.

TABLE 4.2
GONORRHEA
AGE SPECIFIC CASE RATES
NEWMEXICO 1985-1989
UNITED STATES 1985-1988

CASE RATES PER 100,000 POPULATION	ALL AGES	AGE GROUP 0-14	15-19	20-24	25-29	30-34	35+
NEW MEXICO:							
1989	84.3	5.4	279.0	352.1	192.1	95.9	24.2
1988	100.4	4.9	320.4	405.9	233.6	129.3	25.6
1987	140.3	5.9	397.2	599.6	299.4	194.8	36.3
1986	171.7	10.3	524.6	649.5	362.8	221.2	42.6
1985	215.0	10.5	582.8	882.1	470.8	255.7	54.6
UNITED STATES:							
1988	294.7	24.1	1075.3	1241.8	605.7	375.9	61.6
1987	326.1	17.2	1028.1	1527.2	739.2	344.0	53.7
1986	372.7	19.9	1168.8	1690.8	[illegible]	402.6	62.4
1985	384.5	20.1	1189.9	1678.1	871.9	423.5	65.4

United States Data Source:
VD Statistical Letter 1980-1988 Center for Disease Control
Military cases not included.

TABLE 4.3
NEW MEXICO
OCCURRENCE BY COUNTY
GONORRHEA AND SYPHILIS CASES REPORTED
1989

HEALTH DISTRICTS	COUNTY	GONORRHEA NUMBER	GONORRHEA RATE	SYPHILIS INFECTIOUS NUMBER	SYPHILIS INFECTIOUS RATE	SYPHILIS NON-INFECTIOUS NUMBER	SYPHILIS NON-INFECTIOUS RATE
	NEW MEXICO	1323	86.4	81	5.3	109	7.1
	BERNALILLO	565	111.9	31	6.1	25	5.0
	CIBOLA	2	9.7	1	4.8	2	9.7
	MCKINLEY	238	352.1	2	3.	4	5.9
1	SANDOVAL	21	33.0	3	4.7	7	11.0
	SAN JUAN	76	88.5	0	--	4	4.7
	TORRANCE	1	9.3	0	--	0	--
	VALENCIA	21	45.3	2	4.3	6	12.9
	COLFAX	0	--	0	--	0	--
	HARDING	0	--	0	--	0	--
	LOS ALAMOS	1	5.1	0	--	0	--
	MORA	1	23.3	0	--	0	--
2	RIO ARRIBA	14	42.8	0	--	5	15.3
	SAN MIGUEL	16	63.5	0	--	3	11.9
	SANTA FE	30	30.7	1	1.0	8	8.2
	TAOS	9	41.7	0	--	3	13.9
	UNION	0	--	0	--	0	--
	CATRON	2	71.4	0	--	2	71.4
	DONA ANA	92	69.9	13	9.9	17	12.9
	GRANT	17	62.3	1	3.7	3	11.0
3	HIDALGO	4	67.8	0	--	0	--
	LUNA	7	38.0	0	--	1	5.4
	OTERO	31	60.5	0	--	0	--
	SIERRA	1	10.2	0	--	1	10.2
	SOCORRO	1	6.8	1	6.8	0	--
	CHAVES	49	88.4	0	--	2	3.6
	CURRY	39	91.8	1	2.4	3	7.1
	DE BACA	0	--	0	--	0	--
	EDDY	12	25.1	1	2.1	4	8.4
4	GUADALUPE	0	--	0	--	0	--
	LEA	45	79.8	23	40.8	8	14.2
	LINCOLN	1	7.5	0	--	0	--
	QUAY	3	26.5	1	8.8	1	8.8
	ROOSEVELT	24	147.2	0	--	0	--

Rate Per 100,000 Population
Includes both Civilian and Military Population.

The incidence rate for primary and secondary syphilis increased nationally and decreased for New Mexico in 1988. Nationally the rate increased by 12% while the State's incidence rate decreased 15% in 1988 (Table 4.4), with national rates exceeding State rates for all ages. 1989 data shows the State rate decreasing by 39% to 2.0.

TABLE 4.4
PRIMARY AND SECONDARY SYPHILIS
AGE-SPECIFIC CASE RATES
NEWMEXICO 1985-1989
UNITED STATES 1985-1988

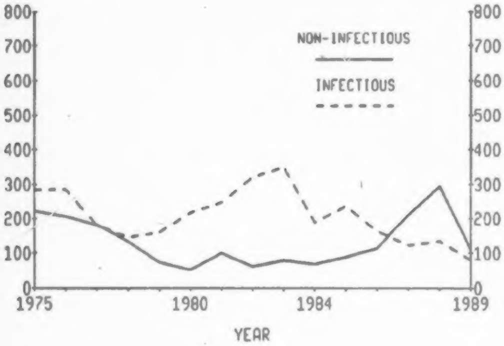
CASE RATES PER 100,000 POPULATION	ALL AGES	AGE GROUP 0-14	15-19	20-24	25-29	30-34	35+
NEW MEXICO:							
1989	2.0	0.3	2.6	5.1	9.8	2.3	0.8
1988	3.3	--	4.3	10.6	6.9	7.2	2.2
1987	3.9	--	--	12.5	17.8	2.4	2.8
1986	5.0	0.3	4.2	8.8	16.2	10.7	3.7
1985	8.8	0.3	15.3	14.3	18.1	20.1	7.2
UNITED STATES:							
1988	16.4	0.4	21.9	53.3	42.2	35.2	8.4
1987	14.7	0.5	23.7	53.2	39.1	25.0	6.1
1986	11.6	0.4	17.7	40.0	30.8	20.6	5.0
1985	11.4	0.3	17.0	37.9	30.7	20.9	5.1

Source: VD Statistical Letter 1980-1988 Center for Disease Control. Military cases not included.

A breakdown of cases of infectious and non-infectious syphilis illustrates a decrease in reported cases in New Mexico (Figure 4.4) over the prior year: 40% for infectious cases and 63% for non-infectious.

The number of reported syphilis cases and case rates by county are presented in Table 4.3.

FIGURE 4.4
SYPHILIS CASES REPORTED
NEW MEXICO OCCURRENCES
1975-1989



PLAGUE

Plague, endemic to New Mexico, is affected by a variety of factors - including climatic conditions, rodent and flea population dynamics, and steady human encroachment into previously unsettled areas.

FIGURE 4.5
PLAGUE
TOTAL CASES REPORTED BY YEAR
NEW MEXICO OCCURRENCES
1975-1989

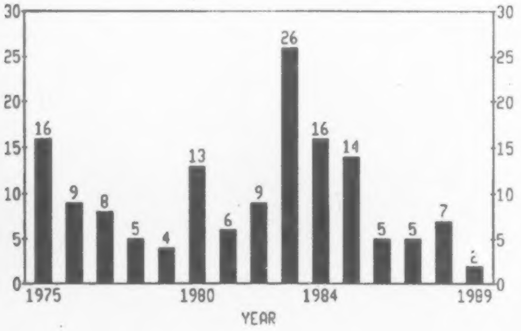
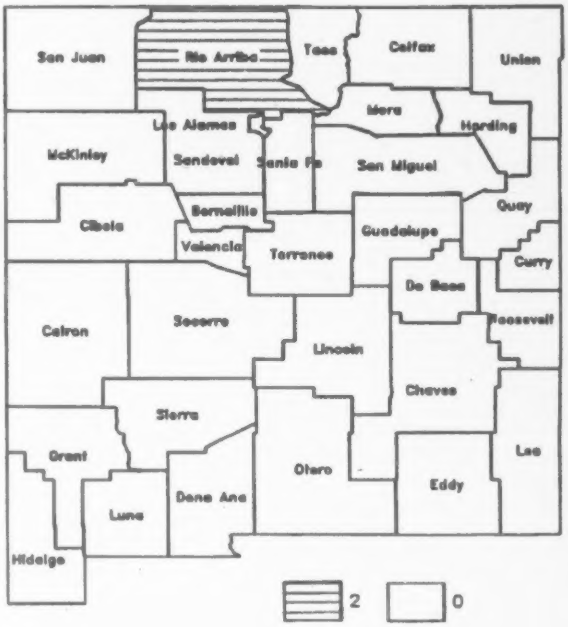


FIGURE 4.6
PLAGUE
TOTAL CASES REPORTED BY COUNTY
NEW MEXICO OCCURRENCES
1989


San Juan
Rio Arriba
Taos
Colfax
Union
Los Alamos
Mora
Harding
McKinley
Sandoval
Santa Fe
San Miguel
Bernalillo
Quay
Cibola
Valencia
Torrance
Guadalupe
Curry
De Baca
Roosevelt
Catron
Socorro
Lincoln
Chaves
Sierra
Grant
Otero
Eddy
Lea
Dona Ana
Luna
Hidalgo
2
0

Of the four cases of plague reported in the nation for 1989, two cases (50%) occurred in New Mexico.

The two cases for New Mexico in 1989 is a decrease (71%) from the 7 cases reported in 1988, and is the lowest number of cases reported since 1973 when only one case was reported.

The map of Figure 4.5 depicts cases reported for 1989 by county. Both cases occurred in Rio Arriba County.

Of plague cases reported in 1989, one case was in the 10-15 age group and one was in the >30 age group. Both cases reported were to males, with no fatal cases for the year.

A summary of plague activity by month, age and sex, and case fatalities for the last eight years is presented in Table 4.5 on the following page. There have been no fatal cases in the last four years.

TABLE 4.5
PLAGUE
NEW MEXICO OCCURRENCE
1982-1989

YEAR	1982	1983	1984	1985	1986	1987	1988	1989
Total Cases	9	26	16	14	5	5	7	2
Month Acquired:								
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	1	-	-	-	-	-
April	-	2	1	1	-	2	-	-
May	2	2	2	3	-	-	-	-
June	-	8	2	3	2	1	1	2
July	4	8	2	3	1	-	3	-
August	2	4	3	1	1	-	2	-
September	-	1	2	-	-	-	-	-
October	1	1	2	3	-	2	-	-
November	-	-	1	-	-	-	1	-
December	-	-	-	-	1	-	-	-
All Ages:	9	26	16	14	5	5	7	2
Male	6	13	12	11	2	3	4	2
Female	3	13	4	3	3	2	3	-
0 - 9	1	5	-	3	4	-	2	-
Male	1	2	-	2	1	-	1	-
Female	-	3	-	1	3	-	1	-
10-15	2	6	5	3	-	-	2	1
Male	2	2	3	3	-	-	1	1
Female	-	4	2	-	-	-	1	-
16-19	-	1	1	-	-	1	-	-
Male	-	1	1	-	-	1	-	-
Female	-	-	-	-	-	-	-	-
20-29	3	3	1	3	-	1	-	-
Male	1	2	1	2	-	1	-	-
Female	2	1	-	1	-	-	-	-
> 30	3	11	9	5	1	3	3	1
Male	2	6	7	4	1	1	2	1
Female	1	5	2	1	-	2	1	-
FATAL CASES	2	2	2	2	0	0	0	0

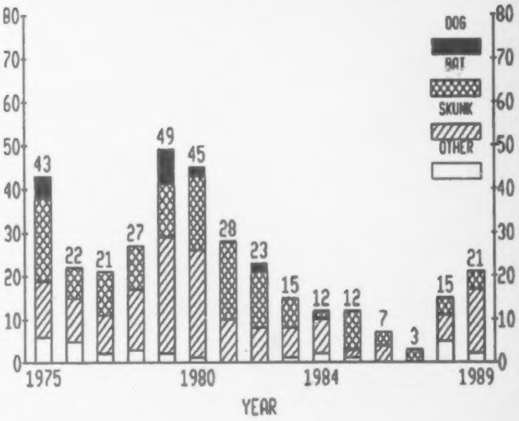
RABIES

The number of rabies cases reported in New Mexico in 1979 was the second highest since the rabies epizootic of 1974. Since 1979 the number of cases decreased through 1987. In 1989, there were a total of 21 cases of rabies in animals reported in the State, as compared to 15 the previous year (Figure 4.6).

Of the 21 cases reported in New Mexico in 1989, there were 15 skunks, 4 bats and 2 other species. There were no dog rabies reported in 1989 or the prior six years

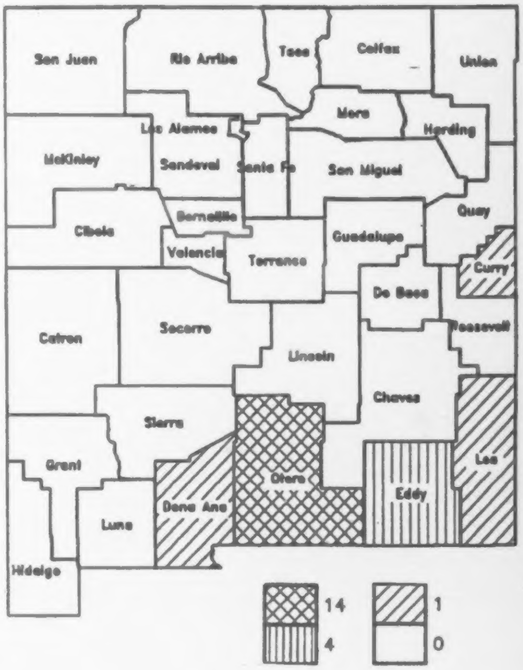
The United States and its territories reported 4,725 cases of rabies in 1989, 74 cases more than 1988. One human case of rabies was reported in 1989. A general downward trend in the total number of rabid animals since the recent peak (7,118 cases) reported in 1981 is noted nationally.

FIGURE 4.7
RABIES IN ANIMALS
CASES REPORTED
NEW MEXICO OCCURRENCES
1975 - 1989



Of the 21 laboratory confirmed cases of rabies in New Mexico in 1989, fourteen were reported in Otero County, 4 in Eddy County and one case each was reported in Curry, Dona Ana and Lea counties.

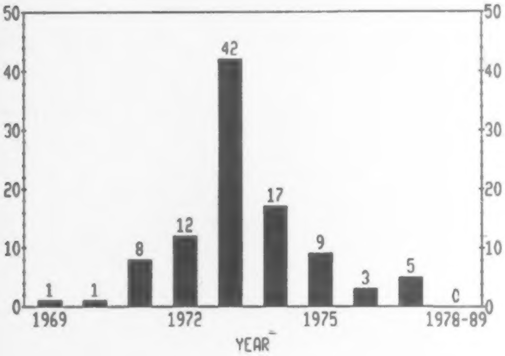
FIGURE 4.8
RABIES
NUMBER OF CASES REPORTED
NEW MEXICO OCCURRENCES
1989


San Juan
Rio Arriba
Taos
Colfax
Union
Mora
Harding
Los Alamos
McKinley
Sandoval
Santa Fe
San Miguel
Bernalillo
Quay
Cibola
Valencia
Torrance
Guadalupe
Curry
De Baca
Catron
Socorro
Roosevelt
Lincoln
Chaves
Sierra
Grant
Otero
Lea
Eddy
Dona Ana
Luna
Hidalgo
14
4
1
0

DIPHTHERIA

In the last twelve years not a single case of diphtheria has been reported in New Mexico (Figure 4.9). The last major outbreak of diphtheria in the State occurred in 1973.

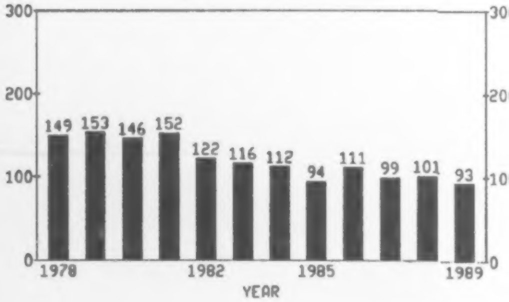
FIGURE 4.9
DIPHTHERIA
CASES REPORTED
NEW MEXICO OCCURRENCES
1969-1989



TUBERCULOSIS

In New Mexico the number of tuberculosis cases decreased by 8 from 101 cases in 1988 to 93 cases in 1989. The 1989 figure represents a 39% drop in cases from the 1981 total of 152 cases (Figure 4.9).

FIGURE 4.10
TUBERCULOSIS
CASES REPORTED
NEW MEXICO OCCURRENCES
1978-1989



The State's incidence rate for tuberculosis decreased slightly from 6.7 cases per 100,000 population in 1988 to 6.1 in 1989 (Table 4.6). New Mexico's case rate of 6.1 in 1989 was 33% lower than the 1988 national incidence rate of 9.1 (Table 4.8).

Table 4.6 illustrates the marked decreasing trend in New Mexico over the years for both tuberculosis incidence and mortality, however, there has been some fluctuation in the rates in recent years.

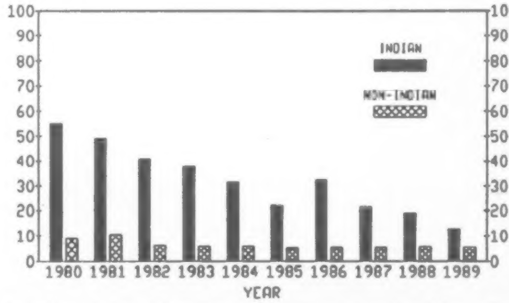
TABLE 4.6
NEW MEXICO
TUBERCULOSIS MORBIDITY & MORTALITY
1960-1989

YEAR	INCIDENCE	MORTALITY
1960	59.3	7.8
1970	19.9	2.7
1975	12.7	2.1
1980	11.2	1.1
1981	11.4	1.1
1982	8.9	0.8
1983	8.3	1.1
1984	7.9	0.8
1985	6.5	1.0
1986	7.5	0.5
1987	6.6	0.7
1988	6.7	0.4
1989	6.1	0.5

RATE PER 100,000 POPULATION

In New Mexico, the incidence of tuberculosis is notably higher for the State's Indian population than for the rest of the State's population. Though the incidence rate for the Indian has decreased in recent years, it remains over two times higher than for the non-Indian population of the State. In 1989 the State experienced a 31% decrease in the tuberculosis incidence rate for the Indian and 2% for the non-Indian populations (Figure 4.11).

FIGURE 4.11
TUBERCULOSIS INCIDENCE RATES
NEW MEXICO OCCURRENCES
1980-1989



Mortality from tuberculosis in New Mexico has averaged over the last ten years about one death per hundred thousand population. The rate for the Indian is over 6 times higher than the overall State rate. Because of the relatively small number of tuberculosis deaths in the State in recent years the yearly fluctuation in the rates by race/ethnicity is not unexpected (Table 4.7 on the following page).

TABLE 4.7
NEW MEXICO RESIDENTS TUBERCULOSIS DEATHS RATES BY RACE / ETHNIC 1984-1989

RACE/ETHNIC	Tuberculosis Mortality Rate					
	1984	1985	1986	1987	1988	1989
Total	0.8	1.0	0.5	0.7	0.6	0.5
White						
Non-Hispanic	0.8	0.7	0.1	0.8	--	0.1
Hispanic	0.4	0.8	0.4	0.2	0.6	0.4
Black	--	3.7	3.7	--	--	--
Indian	3.4	3.4	3.3	3.3	2.5	3.2

Rate Per 100,000 Population

Guadalupe County showed the highest incidence rate (cases per hundred thousand population) in the State for 1989 (25.0) followed by Roosevelt County (24.5). Tuberculosis cases were reported for 26 of the State's 33 counties (Figure 4.12).

FIGURE 4.12
TUBERCULOSIS NUMBER OF CASES REPORTED PER 100,000 POPULATION NEW MEXICO OCCURRENCE 1989

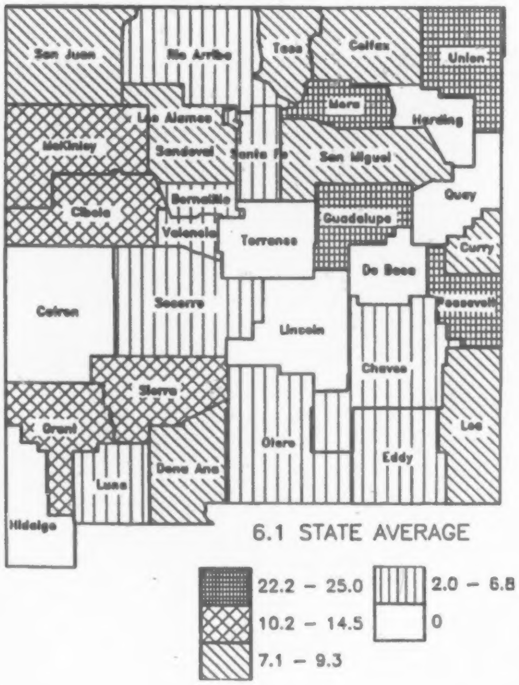

San Juan
Rio Arriba
Taos
Colfax
Union
Los Alamos
Mora
Harding
McKinley
Sandoval
Santa Fe
San Miguel
Quay
Cibola
Bernalillo
Guadalupe
Valencia
Torrance
Curry
De Baca
Roosevelt
Catron
Socorro
Lincoln
Chaves
Sierra
Grant
Otero
Lea
Luna
Dona Ana
Eddy
Hidalgo
6.1 STATE AVERAGE
22.2 – 25.0
10.2 – 14.5
7.1 – 9.3
2.0 – 6.8
0

TABLE 4.8
TUBERCULOSIS CASE RATE PER 100,000 POPULATION SPECIFIC AGE GROUPS NEW MEXICO OCCURRENCES 1987-1989 UNITED STATES 1986-1988

AGE	UNITED STATES			NEW MEXICO		
	1986	1987	1988	1987	1988	1989
TOTAL	9.4	9.3	9.1	6.6	6.7	6.1
0 - 4	4.0	3.7	3.7	2.8	4.2	3.7
5 - 14	1.4	1.5	1.3	0.8	0.8	0.8
15 - 24	4.4	4.6	4.3	0.8	1.3	0.9
25 - 44	9.7	9.7	9.8	5.0	4.1	3.5
45 - 64	13.6	12.9	12.7	9.7	12.7	9.0
65 +	21.9	20.6	20.1	28.0	24.4	26.2

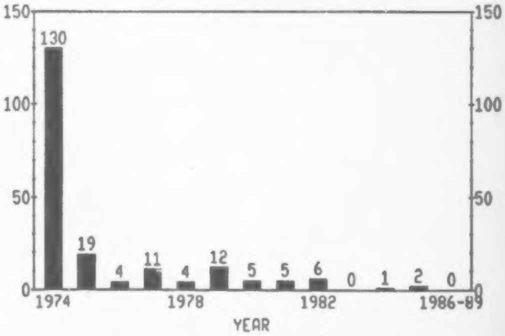
1988 Tuberculosis Statistics, CDC
Rates Per 100,000 Population

A 9% decrease in the statewide incidence rate for tuberculosis in 1989 was the net result of decreases for the 0-4, 15-24, 24-44 and 45-64 age groups and an increase in the rate for the 65+ age group. New Mexico age-specific rates are lower than nationally except for the 0-4 and 65+ age groups; this is based on comparison of 1989 New Mexico data to latest available (1988) national data.

RUBELLA

No cases of rubella were reported in the state in 1989 or the prior 3 years (Figure 4.13).

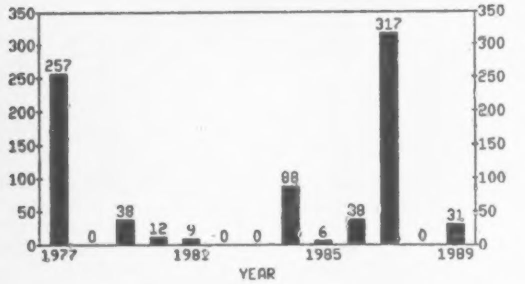
FIGURE 4.13
RUBELLA CASES REPORTED NEW MEXICO OCCURRENCES 1974-1989



MEASLES

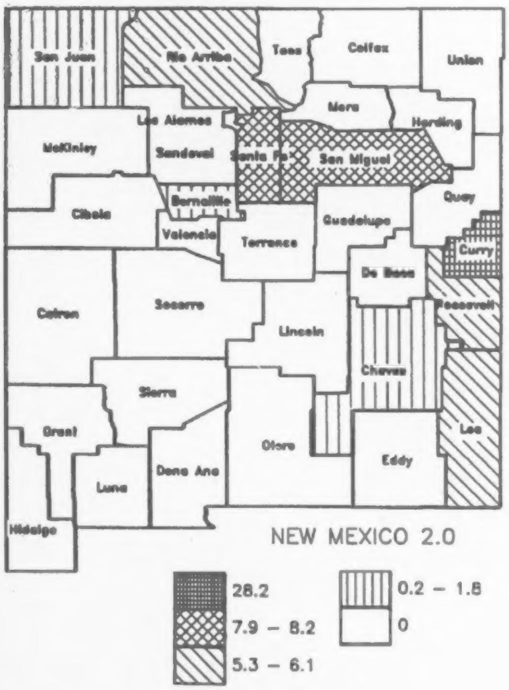
The last major outbreak of measles in the State occurred in 1987 (Figure 4.14) and centered in Bernalillo and Socorro counties. The incidence rate for measles in New Mexico then dropped from 21.1 cases per 100,000 population in 1987 to zero cases in 1988, increasing to 31 cases in 1989 for a rate of 2.0 per 100,000 population (Figure 4.15 on the following page).

FIGURE 4.14
MEASLES
CASES REPORTED
NEW MEXICO OCCURRENCES
1977-1989



Of the 31 cases reported in 1989 statewide, 12 were reported in Curry County, 8 in Santa Fe County, 3 in Lea County, 2 each in Rio Arriba and San Miguel counties and 1 each in Bernalillo, Chaves, Roosevelt and San Juan counties.

FIGURE 4.15
MEASLES
NUMBER OF CASES REPORTED
PER100,000 POPULATION
NEW MEXICO OCCURRENCES
1989


San Juan
Rio Arriba
Taos
Colfax
Union
Los Alamos
Mora
Harding
McKinley
Sandoval
Santa Fe
San Miguel
Bernalillo
Quay
Cibola
Valencia
Torrance
Guadalupe
Curry
De Baca
Catron
Socorro
Lincoln
Roosevelt
Chaves
Sierra
Grant
Otero
Lea
Dona Ana
Eddy
Luna
Hidalgo
NEW MEXICO 2.0
28.2
7.9 – 8.2
5.3 – 6.1
0.2 – 1.8
0

OTHER COMMUNICABLE DISEASES

The number of cases of notifiable diseases and the corresponding case rates are presented for New Mexico and the United States for 1989 in Table 4.9.

New Mexico's case rates exceed national rates for botulism, brucellosis, pertussis, plague, shigellosis, toxic-shock syndrome, and viral hepatitis (A,B and unspecified).

In 1989, 284 cases of shigellosis were reported, 64% lower than the previous year, but almost two times higher than the 1989 national rate.

New Mexico's case rate for hepatitis B is 44% higher than the national rate, though the number of cases in the State decreased for 1989. Hepatitis A has decreased markedly in the State since 1979; the number of cases increased in 1989 from 1988 leaving the State case rate still over three times the 1989 national level.

TABLE 4.9
NOTIFIABLE DISEASES
REPORTED CASES AND CASE RATES
NEW MEXICO AND UNITED STATES 1989

NOTIFIABLE DISEASES	NEW MEXICO		UNITED STATES	
	Cases	Rate	Cases	Rate
Aids	94	6.1	33,722	13.6
Amebiasis	6	0.4	3,217	1.3
Anthrax	0	--	0	--
Aseptic Meningitis	14	0.9	10,274	4.1
Botulism	4	0.3	89	0.04
Brucellosis	1	0.1	95	0.04
Cholera	0	--	0	--
Diphtheria	0	--	3	0.00
Encephalitis:				
Other Primary Infection	2	0.1	981	0.4
Arthropod-borne	0	--	0	--
Post-Infectious	0	--	88	0.04
Legionellosis (Legionnaires Disease)	7	0.5	1,190	0.5
Leprosy	1	0.1	163	0.1
Malaria	5	0.3	1,277	0.5
Measles	31	2.0	18,193	7.3
Meningococcal Infections	2	0.1	2,727	1.1
Pertussis	33	2.2	4,157	1.7
Plague	2	0.1	4	0.00
Poliomyelitis:				
Total	0	--	5	0.00
Paralytic	0	--	5	0.00
Psittacosis	0	--	116	0.05
Rubella	0	--	396	0.2
Congenital Syndrome	0	--	3	0.00
Salmonellosis (Excluding Typhoid Fever)	209	13.7	47,812	19.3
Shigellosis	284	18.5	25,010	10.1
Tetanus	0	--	53	0.02
Toxic-Shock Syndrome	4	0.3	400	0.2
Trichinosis	0	--	30	0.01
Tularemia	2	0.1	152	0.1
Typhoid Fever	2	0.1	460	0.2
Typhus Fever				
Flea-Borne, Endemic, Murine	0	--	41	0.02
Typhus Fever				
Tick Borne, Rky. Mt. Spotted)	1	0.1	623	0.3
Viral Hepatitis				
A	682	44.5	35,821	14.6
B	207	13.5	23,419	9.4
Unspecified	33	2.2	4,835	1.9

SOURCE; MMWR, Vol. 38, No. 54
Rates Per 100,000 Population

In Table 4.10, the number of cases reported for selected communicable diseases in New Mexico are presented for years 1972 to 1989.

Since the first case of AIDS was reported in 1981, the number has increased to 94 cases in 1989. Over the years presented, major annual rabies activity has occurred in 1974, 1975, 1979 and 1980, with the 1989 being the highest since 1982. The last major diphtheria outbreak was in 1973, with no cases reported the last twelve years. The State reported major measles activity in 1987 with 317; 0 in 1988; 31 cases in 1989. Rubella has shown a dramatic decrease in total cases compared to the early Seventies, with no cases reported for the last four years. A major hepatitis outbreak occurred in 1979, followed by general decreases, reaching in 1983 the lowest level since 1970, increasing to 903 cases in 1986, dropping to 736 in 1987 increasing to 834 for 1988 and increasing again in 1989 to 922 cases, the second highest number since 1979.

Major pertussis activity occurred in 1975 and 1977, decreasing to eight cases in 1982. The number of pertussis cases decreased in 1987 to 13 cases, increased notably to 54 cases in 1988, then decreased to 33 cases in 1989.

Reported plague cases reached an all time high total of 26 cases in 1983, dropping to 5 cases in 1986 and 1987, increasing to 7 cases in 1988 and decreasing to 2 cases in 1989.

Salmonella cases reached the highest level ever reported in 1987, dropping to 209 cases in 1989. The number of shigellosis cases reached its highest level in 1988 with 788 cases, decreasing to 284 cases in 1989.

Tuberculosis activity decreased in 1989. Two typhoid cases were reported in 1989. Gonorrhea cases have been decreasing since 1977. Infectious syphilis cases which had increased notably in 1982 and 1983, dropped sharply in 1989 to 81 cases, while non-infectious syphilis which has fluctuated from 52 to 114 cases since 1980 increased in 1988 to 295 cases, and then decreased in 1989 to 109 cases.

TABLE 4.10
SELECTED COMMUNICABLE DISEASES
NUMBER OF REPORTED CASES
NEW MEXICO OCCURRENCES
1972-1989

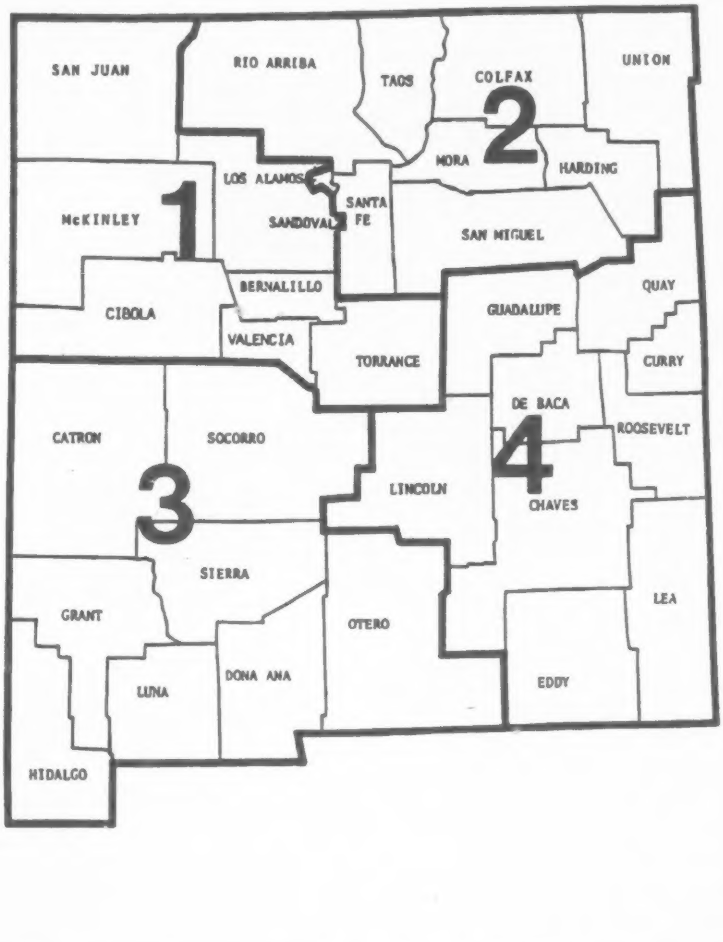
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
AIDS	*	*	*	*	*	*	*	*	*	1	0	1	6	17	30	53	57	94
Animal Rabies:	10	7	78	43	22	21	27	49	45	28	23	15	12	12	7	3	15	21
Dog	3	0	31	5	0	0	0	8	2	0	2	0	0	0	0	0	0	0
Cat	0	1	6	3	0	0	2	1	1	0	0	1	1	1	0	0	2	1
Bat	4	5	30	19	7	10	10	12	17	18	13	7	2	9	3	3	4	4
Skunk	2	1	11	13	10	9	14	27	25	10	8	7	8	2	4	0	6	15
Other Species	1	0	0	3	5	2	1	1	0	0	0	0	1	0	0	0	3	1
Diphtheria	12	42	17	9	3	5	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis	522	519	755	554	449	771	663	1149	440	419	581	405	486	828	903	736	834	922
Measles	129	115	63	17	17	257	0	38	12	9	0	0	88	6	38	317	0	31
Pertussis	4	14	21	109	18	76	42	30	29	16	8	13	13	15	29	13	54	33
Plague	0	1	7	16	9	8	5	4	13	6	9	26	16	14	5	5	7	2
Rubella	128	174	130	19	4	11	4	12	5	5	6	0	1	2	0	0	0	0
Salmonella, Non-Typhoidal	94	154	104	96	83	116	265	184	212	327	259	409	327	406	410	461	329	209
Shigellosis	261	224	250	361	323	345	551	622	627	419	351	432	353	400	544	386	788	284
Tuberculosis	208	222	195	146	181	152	149	153	146	152	122	116	112	94	111	99	101	93
Typhoid	2	9	5	1	2	0	2	4	3	0	0	3	3	4	1	11	1	2
Gonorrhea	4377	4805	5433	7023	7137	5941	5600	4918	4676	4636	4402	3553	3372	3181	2601	2167	1546	1323
Syphilis:																		
Infectious	223	183	184	284	286	180	145	159	218	248	321	350	189	237	162	122	134	81
Non-infectious	253	344	328	223	207	182	133	74	52	100	62	79	68	89	114	211	295	109

---

* FIRST REPORTED IN 1981.

SPECIAL FEATURE

NEW MEXICO
COUNTY HEALTH PROFILES


SAN JUAN
RIO ARRIBA
TAOS
COLFAX
UNION
2
MORA
HARDING
LOS ALAMOS
1
McKINLEY
SANTA FE
SANDOVAL
SAN MIGUEL
BERNALILLO
QUAY
CIBOLA
GUADALUPE
VALENCIA
TORRANCE
CURRY
DE BACA
CATRON
SOCORRO
ROOSEVELT
4
LINCOLN
3
CHAVES
SIERRA
LEA
GRANT
OTERO
DONA ANA
EDDY
LUNA
HIDALGO

BERNALILLO COUNTY

BERNALILLO COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	315774	419700	504800	579300
% 19 AND YOUNGER	42.1%	33.2%	29.6%	28.1%
% 65 AND OLDER	6.1%	8.1%	10.1%	11.7%
% WHITE NON-HISPANIC	50.9%	56.9%	XXXXX	XXXXX
% WHITE HISPANIC	39.2%	36.4%	XXXXX	XXXXX
% BLACK	1.9%	2.3%	XXXXX	XXXXX
% INDIAN	7.2%	2.7%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	13.0%	10.1%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	31.1%	32.2%	33.0%	33.0%

Almost one-third of the state's population resides in Bernalillo County making it New Mexico's most populous county, with a population density of 431.8 persons per square mile.

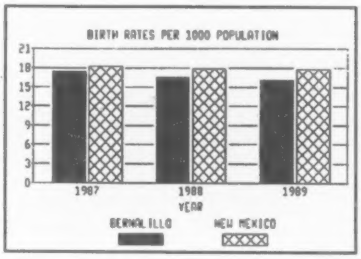
The county population is projected to approach 600,000 by the year 2000 as the percent of population 19 and younger decreases and the percent 65 and older increases.

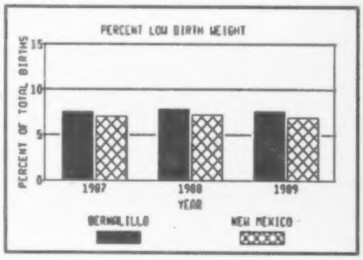
The birth rate decreased 2% in 1989. A 1989 rate of 16.1, 10% below the overall state rate accounts for 29.8% of New Mexico births.

The percentage of births to single mothers increased while births to teen mothers dropped for 1989. Low birth weight remained the same for 1989, 7.8%.

There are larger percentages of births to mothers aged 25 to 39 than occur statewide.

BERNALILLO	YEAR 1987	1988	1989
LIVE BIRTHS	8468	8157	8126
WHITE			
NON-HISPANIC	3378	3411	3134
HISPANIC	4204	3942	4038
BLACK	275	255	323
INDIAN	421	394	475
OTHER	190	155	156
COUNTY % OF TOTAL STATE BIRTHS	31.1%	30.3%	29.8%



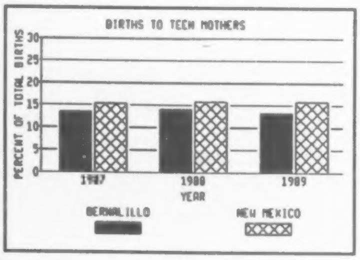


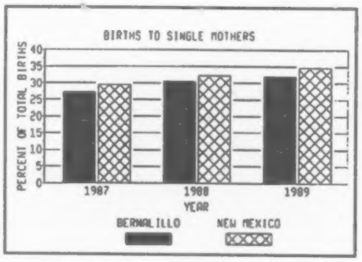
BIRTH DISTRIBUTION

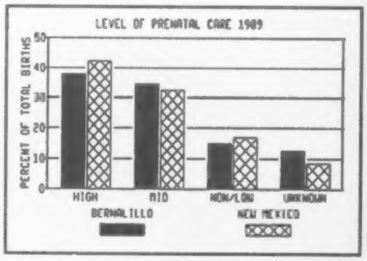
AGE OF MOTHER	BERNALILLO NUMBER	%	NEW MEXICO %
ALL AGES	8126	100.0%	100.0%
<15	24	0.3%	0.2%
15-17	387	4.8%	5.7%
18-19	673	8.3%	9.7%
(15-19)	1060	13.0%	15.5%
20-24	2258	27.8%	29.5%
25-29	2477	30.5%	29.1%
30-34	1614	19.9%	17.7%
35-39	602	7.4%	6.8%
=> 40	91	1.1%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
BERNALILLO:										
1989	64.1	1.4	62.7	40.0	93.1	114.3	101.5	64.6	26.9	2.8
1988	65.6	1.2	66.1	43.1	98.9	114.7	100.7	66.9	26.8	2.7
1987	68.6	1.1	65.9	42.8	100.8	118.5	107.0	65.6	27.5	3.2
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







BERNALILLO COUNTY

The county crude death rate increased to 6.3 deaths per 1,000 population in 1989, as the county accounts for 30% of all New Mexico resident deaths. Adjusted rates show levels of mortality lower than state levels for both males and females.

Heart disease, cancer and accidents account for over half of all deaths in the county, however levels of mortality are lower than expected for heart disease and cancer, but 26% higher than expected for accidents. The level of deaths from alcoholism is more than twice the expected level. Observed deaths for COPD, diabetes, suicide, cirrhosis, homicide and anomalies are also notably higher than expected.

Infant mortality rates are below state levels in 1989.

99% of resident births occur within the county. Overall. the county experiences 2.6 births for every death.

BERNALILLO COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	1694	1465	3159	6.3
1988	1643	1434	3077	6.2
1987	1649	1449	3098	6.4
1986	1807	1390	3197	6.7
COUNTY % OF TOTAL (1989) STATE DEATHS	29.3%	31.3%	30.2%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

BERNALILLO CO.	
MALE	817.4
FEMALE	722.3
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

BERNALILLO COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Albuquerque-Urban	7301	2975	2.5
Albuquerque-Rural	423	124	3.4
Corrales *	2	8	0.3
Los Ranchos de Albuquerque-All	0	1	0.0
Tijeras-All	76	23	3.3
Sandia/Kirtland AFB (Military)	227	2	113.5
Other & Unspecified	97	26	3.7
COUNTY TOTAL	8126	3159	2.6
% OF COUNTY RESIDENT BIRTHS:			
Born in County	99.11%	XXXXX	XXXXX
Born in Other NM County	0.63%	XXXXX	XXXXX
Born Out of State	0.26%	XXXXX	XXXXX

* Community in more then one county; includes births/deaths in county portion only.

BERNALILLO COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	76	9.8	57	7.3	19	2.4
1985	99	12.5	60	7.6	39	4.9
1986	88	10.9	60	7.4	28	3.5
1987	71	8.4	42	5.0	29	3.4
1988	80	9.8	53	6.5	27	3.3
1989	59	7.3	38	4.7	21	2.6
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

BERNALILLO COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	2411	3619	67	25.8	27.4	6.4	7.8
MALIGNANT NEOPLASMS	2135	2443	87	22.9	21.2	12.2	12.0
ALL ACCIDENTS	689	546	126	7.4	8.6	15.0	20.5
- MOTOR VEHICLE ACCIDENTS	329	286	115	3.5	4.7	9.5	14.1
- ALL OTHER ACCIDENTS	360	260	138	3.9	3.9	5.6	6.4
CEREBROVASCULAR DISEASE	525	690	76	5.6	5.6	1.1	1.3
COPD	511	395	129	5.5	4.9	1.1	1.2
INFLUENZA AND PNEUMONIA	288	352	82	3.1	3.4	0.7	0.8
SUICIDE	312	175	178	3.3	3.0	7.7	7.7
DIABETES	264	200	132	2.8	2.8	1.3	1.3
LIVER DISEASE - CIRRHOSIS	169	143	118	1.8	1.9	2.0	2.5
HOMICIDE	186	133	140	2.0	1.6	5.5	4.5
CERTAIN PERINATAL COND	99	116	85	1.1	1.0	0.1	0.1
NEPHRITIS NEPHROTIC SYND	96	104	92	1.0	1.0	0.2	0.3
CONGENITAL ANOMALIES	88	74	119	0.9	0.9	1.0	0.9
ATHEROSCLEROSIS	90	98	92	1.0	1.0	0.1	0.1
ALCOHOLISM	63	26	242	0.7	0.8	1.0	1.4
SEPTICEMIA	47	89	53	0.5	0.6	0.1	0.2
ALL OTHER CAUSES	1368	1448	94	14.6	14.2	10.1	9.5
TOTAL FOR ALL CAUSES	9341	10651	88	100.0	100.0	65.5	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	BERNALILLO	N.M.
ALL	100.0	100.0
< 1	2.3	2.3
1- 4	0.6	0.6
5-14	0.6	0.7
15-24	2.9	3.1
25-34	4.6	4.4
35-44	4.9	4.7
45-54	5.9	6.0
55-64	13.0	12.3
65-74	21.5	21.3
75-84	25.5	25.9
85+	18.3	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

CATRON COUNTY

CATRON COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	2198	2720	2800	2900
% 19 AND YOUNGER	38.1%	34.9%	30.3%	27.9%
% 65 AND OLDER	12.3%	13.5%	14.9%	14.6%
% WHITE NON-HISPANIC	56.0%	69.4%	XXXXX	XXXXX
% WHITE HISPANIC	42.2%	28.3%	XXXXX	XXXXX
% BLACK	0.3%	0.4%	XXXXX	XXXXX
% INDIAN	0.5%	1.5%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	14.3%	17.4%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	0.2%	0.2%	0.2%	0.2%

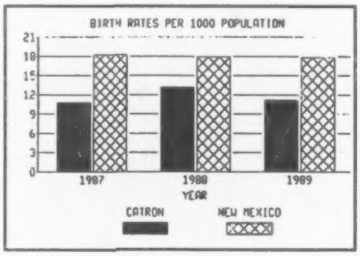
Catron County ranks as the state's 3rd least populous county and has a population density of .4 persons per square mile. Only 0.2% of the state's population resides in Catron County.

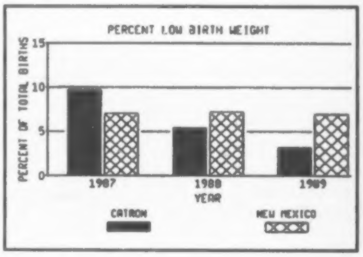
The county population is projected to reach 2,900 persons by the year 2000 with a 20% decrease in the percentage of persons 19 and younger as compared to 1980.

The birth rate, which had been dropping, increased in 1986, decreased in 1987, then increased in 1988 to 13.2. In 1989 the birth rate dropped once again to 11.1, 38% lower than the state rate and accounting for 0.1% of all state's births.

The percentage of low birth weight births decreased 41% from the 1988 figure of 5.4% to 3.2% for 1989. Births to single mothers increased once again from 21.6% in 1988 to 22.6% in 1989; births to teens decreased dramatically from 13.5% to 3.2%, a 76% decrease.

CATRON	YEAR 1987	1988	1989
LIVE BIRTHS	31	37	31
WHITE			
NON-HISPANIC	25	18	25
HISPANIC	4	18	5
BLACK	0	0	0
INDIAN	2	1	1
OTHER	0	0	0
COUNTY % OF TOTAL STATE BIRTHS	0.1%	0.1%	0.1%



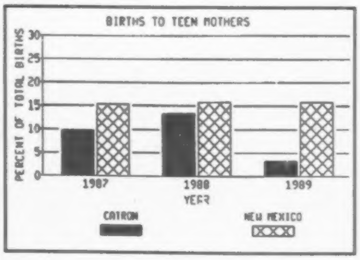


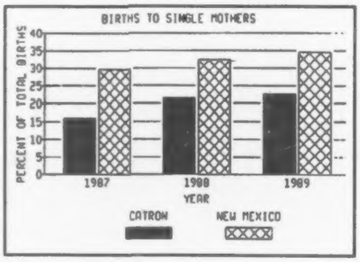
BIRTH DISTRIBUTION

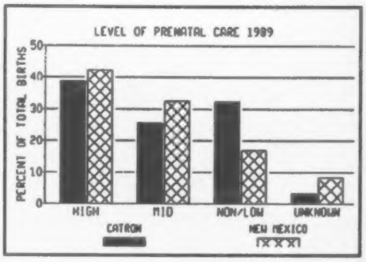
AGE OF MOTHER	CATRON NUMBER	CATRON %	NEW MEXICO %
ALL AGES	31	100.0%	100.0%
<15	0	-	0.2%
15-17	0	-	5.7%
18-19	1	3.2%	9.7%
(15-19)	1	3.2%	15.5%
20-24	10	32.3%	29.5%
25-29	11	35.5%	29.1%
30-34	6	19.4%	17.7%
35-39	2	6.5%	6.8%
=> 40	1	3.2%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
CATRON:										
1989	52.5	--	10.4	--	28.6	87.7	96.5	81.1	20.0	5.7
1988	62.6	--	50.0	17.2	95.2	97.3	110.0	70.6	29.4	5.9
1987	50.0	--	26.8	15.6	41.7	96.0	42.6	74.5	38.8	5.9
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







CATRON COUNTY

The county crude death rate increased from 5.7 deaths per 1,000 population to 8.2, accounting for 0.2% of all New Mexico resident deaths. Adjusted rates show lower than state levels of mortality for both females and males.

Cancer, heart disease, and accidents are the leading causes of death, accounting for 52% of all deaths. Observed deaths are less than expected for heart disease and equal to expected for cancer. No deaths due to accidents were expected, but 7 were observed. Observed deaths are higher than expected for stroke and C.O.P.D.

Due to the relatively small number of births each year, infant mortality figures fluctuate and must be cautiously interpreted.

90% of resident births occur in other counties and 10% in another state. Overall, the county experiences 1.3 births for every death.

CATRON COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	11	12	23	8.2
1988	9	7	16	5.7
1987	9	10	19	6.6
1986	13	8	21	7.8
COUNTY % OF TOTAL (1989) STATE DEATHS	0.2%	0.3%	0.2%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

CATRON CO.	
MALE	613.4
FEMALF	750.1
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

CATRON COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Reserve-All	7	8	0.9
Other & Unspecified	24	15	1.6
COUNTY TOTAL	31	23	1.3
% OF COUNTY RESIDENT BIRTHS:			
Born in County	----	XXXXX	XXXXX
Born in Other NM County	90.32%	XXXXX	XXXXX
Born Out of State	9.68%	XXXXX	XXXXX

CATRON COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	1	33.3	1	33.3	0	0.0
1985	2	58.8	2	58.8	0	0.0
1986	0	0.0	0	0.0	0	0.0
1987	1	32.3	1	32.3	0	0.0
1988	0	0.0	0	0.0	0	0.0
1989	0	0.0	0	0.0	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

CATRON COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	10	24	42	17.2	27.4	2.8	7.8
MALIGNANT NEOPLASMS	13	13	100	22.4	21.2	2.8	12.0
ALL ACCIDENTS	7	0	-	12.1	8.6	28.6	20.5
- MOTOR VEHICLE ACCIDENTS	3	0	-	5.2	4.7	15.7	14.1
- ALL OTHER ACCIDENTS	4	0	-	6.9	3.9	13.0	6.4
CEREBROVASCULAR DISEASE	4	3	133	6.9	5.6	0.0	1.3
COPD	5	2	250	8.6	4.9	0.0	1.2
INFLUENZA AND PNEUMONIA	2	0	-	3.4	3.4	0.0	0.8
SUICIDE	2	0	-	3.4	3.0	13.7	7.7
DIABETES	2	0	-	3.4	2.8	2.7	1.3
LIVER DISEASE - CIRRHOSIS	0	0	-	0.0	1.9	0.0	2.5
HOMICIDE	2	0	-	3.4	1.6	0.0	4.5
CERTAIN PERINATAL COND	1	0	-	1.7	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	0	0	-	0.0	1.0	0.0	0.3
CONGENITAL ANOMALIES	1	0	-	1.7	0.9	9.9	0.9
ATHEROSCLEROSIS	2	0	-	3.4	1.0	0.0	0.1
ALCOHOLISM	0	0	-	0.0	0.8	0.0	1.4
SEPTICEMIA	0	0	-	0.0	0.6	0.0	0.2
ALL OTHER CAUSES	7	8	88	12.1	14.2	0.0	9.5
TOTAL FOR ALL CAUSES	58	50	116	100.0	100.0	60.5	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	CATRON	N.M.
ALL	100.0	100.0
< 1	1.7	2.3
1- 4	0.0	0.6
5-14	1.7	0.7
15-24	5.2	3.1
25-34	3.4	4.4
35-44	0.0	4.7
45-54	6.9	6.0
55-64	1.7	12.3
65-74	24.1	21.3
75-84	36.2	25.9
85+	19.0	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

CHAVES COUNTY

CHAVES COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	43335	51103	55400	55800
% 19 AND YOUNGER	42.9%	34.3%	32.2%	32.6%
% 65 AND OLDER	9.0%	14.1%	16.5%	17.1%
% WHITE NON-HISPANIC	66.9%	66.1%	XXXXX	XXXXX
% WHITE HISPANIC	27.9%	30.4%	XXXXX	XXXXX
% BLACK	3.3%	2.2%	XXXXX	XXXXX
% INDIAN	1.4%	0.6%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	20.4%	14.3%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	4.3%	3.9%	3.6%	3.2%

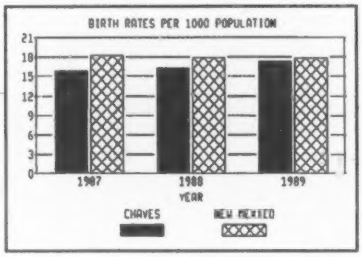
Chaves County ranks as the state's 8th most populous county and has a population density of 9.1 persons per square mile. Almost 4% of the state's population resides in Chaves County.

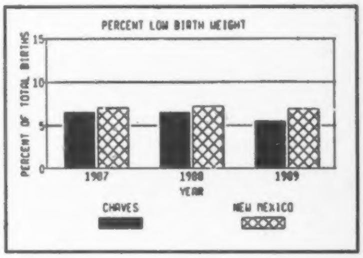
The county population is projected to reach 55,800 persons by the year 2000 with nearly one-third being 19 years of age or younger.

The birth rate increased in 1989 to 17.3 births per 1,000 population - a rate 3% below the state rate, accounting for 3.5% of New Mexico births. The fertility rate shows a higher than statewide rate of childbearing for Chaves County women in 1989.

The percentage of low birth weight births is below the state rate while births to teen mothers is above state level. Births to single mothers increased 22% over the 1988 figure remaining 1% higher than statewide.

CHAVES	YEAR 1987	1988	1989
LIVE BIRTHS	891	907	956
WHITE			
NON-HISPANIC	371	384	397
HISPANIC	478	464	525
BLACK	27	34	16
INDIAN	6	16	14
OTHER	9	9	4
COUNTY % OF TOTAL STATE BIRTHS	3.3%	3.4%	3.5%





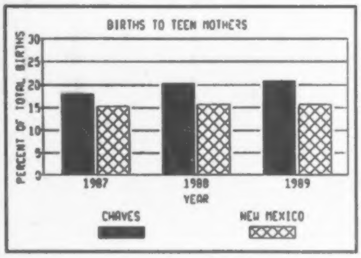
BIRTH DISTRIBUTION

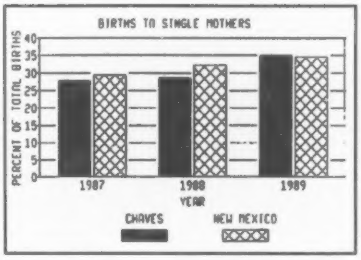
AGE OF MOTHER	CHAVES NUMBER	CHAVES %	NEW MEXICO %
ALL AGES	956	100.0%	100.0%
<15	4	0.4%	0.2%
15-17	75	7.8%	5.7%
18-19	120	12.6%	9.7%
(15-19)	195	20.4%	15.5%
20-24	323	33.8%	29.5%
25-29	262	27.4%	29.1%
30-34	121	12.7%	17.7%
35-39	42	4.4%	6.8%
=> 40	9	0.9%	1.2%

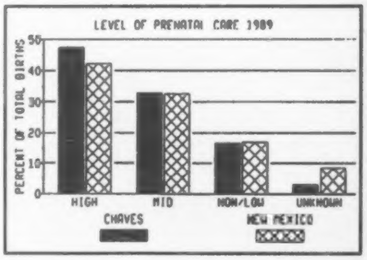
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
CHAVES:										
1989	85.4	2.1	108.6	72.3	158.1	169.4	127.6	64.3	21.9	3.1
1988	78.7	.5	93.7	66.0	134.7	143.3	107.4	71.5	27.5	2.4
1987	76.2	1.0	76.9	52.2	113.4	144.6	127.5	54.7	21.6	3.8
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







CHAVES COUNTY

The county crude death rate decreased to 9.9 deaths per 1,000 population, accounting for 5.3% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both males and females.

Heart disease, cancer and chronic obstructive pulmonary disease (COPD) rank as the leading causes of death, accounting for 57% of all deaths. Observed deaths from heart disease are only 72% of expected, cancer is 92% of expected, but chronic obstructive pulmonary disease (COPD) is 81% greater than expected. Observed deaths are higher than expected for accidents, diabetes, suicide, homicide and alcoholism among others.

Infant mortality is higher in the county than statewide in 1989.

Over 95% of resident births occur within the county. Overall, the county experiences 1.7 births for every death.

CHAVES COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	278	273	551	9.9
1988	305	259	564	10.2
1987	280	228	508	9.1
1986	277	213	490	8.6
COUNTY % OF TOTAL (1989) STATE DEATHS	4.8%	5.8%	5.3%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

CHAVES CO.	
MALE	913.8
FEMALE	767.4
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

CHAVES COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Dexter-All	67	23	2.9
Hagerman-Urban	23	9	2.6
Hagerman-Rural	6	1	6.0
Roswell-Urban	780	475	1.6
Roswell-Rural	62	36	1.7
Lake Arthur-All	17	6	2.8
Other & Unspecified	1	1	1.0
COUNTY TOTAL	956	551	1.7
% OF COUNTY RESIDENT BIRTHS:			
Born in County	95.19%	XXXXX	XXXXX
Born in Other NM County	3.77%	XXXXX	XXXXX
Born Out of State	1.05%	XXXXX	XXXXX

CHAVES COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	12	11.3	9	8.5	3	2.8
1985	10	9.9	6	5.9	4	4.0
1986	11	11.0	4	4.0	7	7.0
1987	9	10.1	6	6.7	3	3.4
1988	8	8.8	3	3.3	5	5.5
1989	10	10.5	6	6.3	4	4.2
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

CHAVES COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	449	620	72	27.6	27.4	8.3	7.8
MALIGNANT NEOPLASMS	349	381	92	21.5	21.2	16.8	12.0
ALL ACCIDENTS	97	60	162	6.0	8.6	14.7	20.5
- MOTOR VEHICLE ACCIDENTS	41	26	158	2.5	4.7	10.0	14.1
- ALL OTHER ACCIDENTS	56	34	165	3.4	3.9	4.7	6.4
C[illegible]OVASCULAR DISEASE	110	122	90	6.8	5.6	1.5	1.3
CO[illegible]	123	68	181	7.6	4.9	3.7	1.2
IN[illegible]ZA AND PNEUMONIA	87	61	143	5.3	3.4	1.0	0.8
SU[illegible]IDE	25	17	147	1.5	3.0	4.3	7.7
DIABETES	48	30	160	3.0	2.8	2.1	1.3
LIVER DISEASE - CIRRHOSIS	20	17	118	1.2	1.9	2.2	2.5
HOMICIDE	31	10	310	1.9	1.6	8.5	4.5
CERTAIN PERINATAL COND	9	12	75	0.6	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	12	14	86	0.7	1.0	0.3	0.3
CONGENITAL ANOMALIES	11	6	183	0.7	0.9	0.0	0.9
ATHEROSCLEROSIS	20	18	111	1.2	1.0	0.1	0.1
ALCOHOLISM	7	3	233	0.4	0.8	1.0	1.4
SEPTICEMIA	8	9	89	0.5	0.6	0.2	0.2
ALL OTHER CAUSES	221	221	100	13.6	14.2	5.5	9.5
TOTAL FOR ALL CAUSES	1627	1669	97	100.0	100.0	70.1	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	CHAVES	N.M.
ALL	100.0	100.0
< 1	1.7	2.3
1- 4	0.4	0.6
5-14	0.5	0.7
15-24	1.1	3.1
25-34	2.5	4.4
35-44	3.2	4.7
45-54	4.5	6.0
55-64	10.8	12.3
65-74	23.6	21.3
75-84	31.5	25.9
85+	20.3	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

CIBOLA COUNTY

CIBOLA COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	*****	30347	20700	20900
% 19 AND YOUNGER	***	42.8%	36.3%	35.2%
% 65 AND OLDER	***	4.6%	8.8%	12.6%
% WHITE NON-HISPANIC	***	35.5%	XXXXX	XXXXX
% WHITE HISPANIC	***	38.7%	XXXXX	XXXXX
% BLACK	***	0.6%	XXXXX	XXXXX
% INDIAN	***	24.9%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	***	13.6%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	***	2.3%	1.4%	1.2%

Cibola County ranks as the state's 17th most populous county with a population of 4.6 persons per square mile, accounting for 1.4% of the total state population.

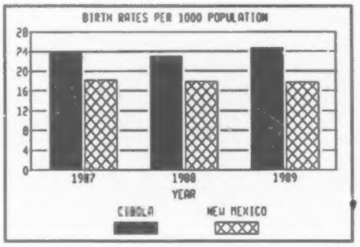
The county population is projected to be at 20,900 persons by the year 2000 - a 31% decrease from the 1980 figure and a 174% increase in the percentage of persons 65 and older.

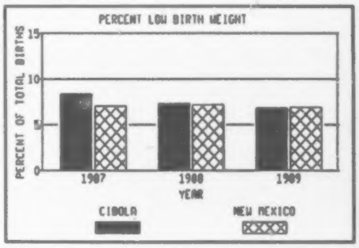
Increasing by 8% over the previous year, the birth rate is 39% higher than the state rate. The county rate of 24.7 births per 1,000 population accounts for 1.9% of New Mexico resident births.

Percentages of births to teens and births to single mothers exceed state levels while low birth weight births fell below the state figure.

***1970 AND 1980 POPULATION DATA AVAILABLE ONLY IN A FORM INCLUDING BOTH VALENCIA AND CIBOLA; 1980 ESTIMATED FOR RACE/ETHNICITY AND POVERTY LEVEL..

CIBOLA	YEAR 1987	1988	1989
LIVE BIRTHS	493	490	511
WHITE			
NON-HISPANIC	68	71	57
HISPANIC	179	168	182
BLACK	2	7	12
INDIAN	243	241	257
OTHER	1	3	3
COUNTY % OF TOTAL STATE BIRTHS	1.8%	1.8%	1.9%





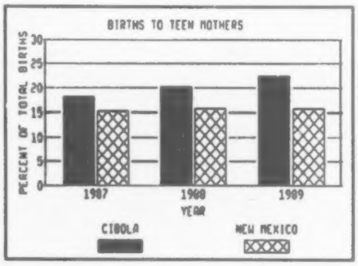
BIRTH DISTRIBUTION

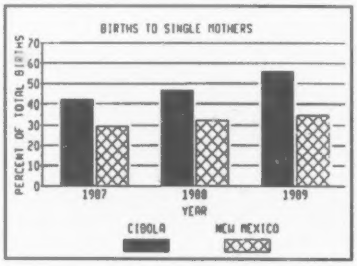
AGE OF MOTHER	CIBOLA NUMBER	%	NEW MEXICO %
ALL AGES	511	100.0%	100.0%
<15	4	0.8%	0.2%
15-17	39	7.6%	5.7%
18-19	72	14.1%	9.7%
(15-19)	111	21.7%	15.5%
20-24	161	31.5%	29.5%
25-29	124	24.3%	29.1%
30-34	64	12.5%	17.7%
35-39	40	7.8%	6.8%
=> 40	7	1.4%	1.2%

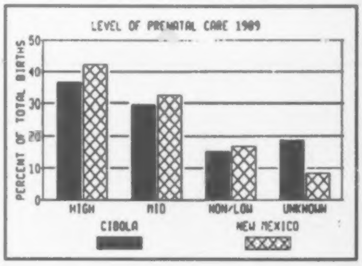
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
CIBOLA:										
1989	111.2	5.1	166.7	102.1	253.5	245.1	172.0	64.7	43.6	6.1
1988	108.8	1.7	101.5	71.8	148.2	234.4	234.3	95.2	25.8	3.4
1987	110.1	1.9	100.9	54.5	175.8	258.6	212.3	81.9	34.8	1.8
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







CIBOLA COUNTY

The county crude death rate of 7.7 deaths per 1,000 population accounts for 1.5% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both males and females.

Heart disease, cancer and accidents are the leading causes of death, accounting for 56% of all deaths. Observed deaths are lower than expected for heart disease and cancer, but higher than expected for accidents, as well as diabetes, suicide, homicide and nephritis, nephrotic syndrome and nephrosis among others.

Infant mortality is higher in the county than statewide in 1989.

Nearly 60% of resident births occur in other counties. Overall, the county experiences 3.2 births for every death.

CIBOLA COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	94	66	160	7.7
1988	103	72	175	8.2
1987	95	64	159	7.6
1986	93	71	164	6.6
COUNTY % OF TOTAL (1989) STATE DEATHS	1.6%	1.4%	1.5%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

CIBOLA CO.	
MALE	1070.0
FEMALE	1176.5
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

CIBOLA COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Grants-Urban	178	56	3.2
Grants-Rural	30	6	5.0
Milan-Urban	35	9	3.9
Milan-Rural	7	1	7.0
Other & Unspecified	261	88	3.0
COUNTY TOTAL	511	160	3.2
% OF COUNTY RESIDENT BIRTHS:			
Born in County	40.12%	XXXXX	XXXXX
Born in Other NM County	59.69%	XXXXX	XXXXX
Born Out of State	0.20%	XXXXX	XXXXX

CIBOLA COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	5	9.4	4	7.5	1	1.9
1985	6	11.4	3	5.7	3	5.7
1986	3	6.7	2	4.5	1	2.2
1987	3	6.1	3	6.1	0	0.0
1988	8	16.3	1	2.0	7	14.3
1989	7	13.7	5	9.8	2	3.9
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

CIBOLA COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	125	135	93	25.3	27.4	13.0	7.8
MALIGNANT NEOPLASMS	86	93	92	17.4	21.2	12.7	12.0
ALL ACCIDENTS	64	18	356	12.9	8.6	32.2	20.5
- MOTOR VEHICLE ACCIDENTS	36	9	400	7.3	4.7	22.1	14.1
- ALL OTHER ACCIDENTS	28	9	311	5.7	3.9	10.1	6.4
CEREBROVASCULAR DISEASE	28	22	127	5.7	5.6	0.3	1.3
COPD	12	12	100	2.4	4.9	0.2	1.2
INFLUENZA AND PNEUMONIA	12	8	150	2.4	3.4	0.0	0.8
SUICIDE	12	4	300	2.4	3.0	8.4	7.7
DIABETES	23	6	383	4.6	2.8	2.1	1.3
LIVER DISEASE - CIRRHOSIS	13	5	260	2.6	1.9	5.0	2.5
HOMICIDE	9	3	300	1.8	1.6	6.0	4.5
CERTAIN PERINATAL COND	10	7	143	2.0	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	10	3	333	2.0	1.0	1.3	0.3
CONGENITAL ANOMALIES	3	1	300	0.6	0.9	0.5	0.9
ATHEROSCLEROSIS	6	2	300	1.2	1.0	0.0	0.1
ALCOHOLISM	4	0	-	0.8	0.8	1.2	1.4
SEPTICEMIA	7	1	700	1.4	0.6	0.0	0.2
ALL OTHER CAUSES	71	54	131	14.3	14.2	14.6	9.5
TOTAL FOR ALL CAUSES	495	374	132	100.0	100.0	97.6	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	CIBOLA	N.M.
ALL	100.0	100.0
< 1	3.6	2.3
1- 4	0.2	0.6
5-14	1.4	0.7
15-24	4.0	3.1
25-34	6.3	4.4
35-34	5.5	4.7
45-54	7.3	6.0
55-64	13.9	12.3
65-74	20.8	21.3
75-84	20.6	25.9
85+	16.4	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

COLFAX COUNTY

COLFAX COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	12170	13667	13400	13500
% 19 AND YOUNGER	40.8%	35.4%	30.0%	27.7%
% 65 AND OLDER	12.3%	13.0%	15.7%	16.5%
% WHITE NON-HISPANIC	45.6%	51.3%	XXXXX	XXXXX
% WHITE HISPANIC	53.1%	47.3%	XXXXX	XXXXX
% BLACK	0.5%	0.4%	XXXXX	XXXXX
% INDIAN	0.4%	0.5%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	20.1%	13.5%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	1.2%	1.0%	0.9%	0.8%

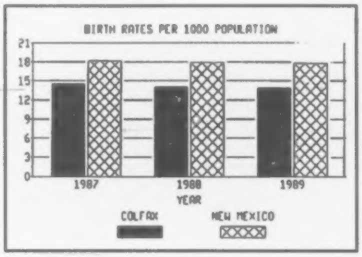
Colfax County ranks as the state's 22nd most populous county and has a population density of 3.6 persons per square mile. Nine-tenths of one percent of the state's population resides in Colfax County.

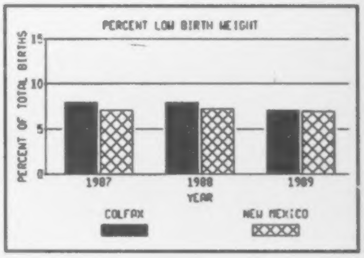
The county population is projected to reach 13,500 persons by the year 2000.

The present birth rate of 13.9 births per 1,000 population is a decrease from the previous year leaving the county rate 22% below the state rate. The county accounts for 0.7% of all New Mexico resident births.

Although the percentages of births to teens and low birth weight dropped slightly from last year, they remain above the state figure as do births to single mothers.

COLFAX	YEAR 1987	1988	1989
LIVE BIRTHS	203	190	186
WHITE			
NON-HISPANIC	62	40	50
HISPANIC	140	147	135
BLACK	0	1	0
INDIAN	1	1	1
OTHER	0	1	0
COUNTY % OF TOTAL STATE BIRTHS	0.7%	0.7%	0.7%



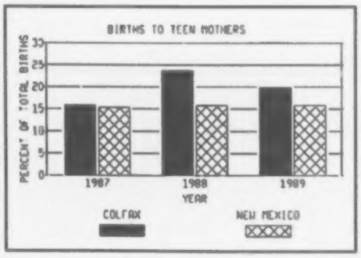


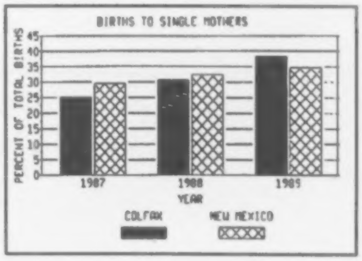
BIRTH DISTRIBUTION

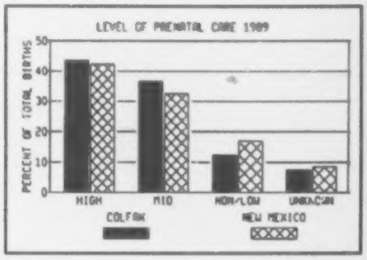
AGE OF MOTHER	COLFAX NUMBER	COLFAX %	NEW MEXICO %
ALL AGES	186	100.0%	100.0%
<15	0	-	0.2%
15-17	14	7.5%	5.7%
18-19	23	12.4%	9.7%
(15-19)	37	19.9%	15.5%
20-24	54	29.0%	29.5%
25-29	52	28.0%	29.1%
30-34	31	16.7%	17.7%
35-39	10	5.4%	6.8%
=> 40	2	1.1%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-19 15-17	15-19 18-19	20-24	25-29	30-34	35-39	40-49
COLFAX:										
1989	67.8	--	75.2	47.3	117.3	115.1	110.2	71.9	23.0	2.3
1988	67.0	--	89.3	63.7	131.6	103.2	111.6	55.8	25.8	3.9
1987	67.5	1.9	54.2	30.8	93.0	104.9	126.5	63.0	37.8	2.7
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







COLFAX COUNTY

The county crude death rate of 9.5 deaths per 1,000 population accounts for 1.2% of all New Mexico resident deaths. Adjusted rates show lower than state levels of mortality for both females and males.

Heart disease, cancer and stroke are the leading causes of death. Observed deaths are lower than expected levels for heart disease and cancer, but 200% higher than expected for accidents. Observed deaths are higher than expected for diabetes, suicide, perinatal conditions, and atherosclerosis among others.

Neonatal mortality exceeded the state rate in 1989.

Over 72% of resident births occur within the county. Overall, the county experiences 1.5 births for every death.

COLFAX COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	70	57	127	9.5
1988	67	50	117	8.6
1987	62	57	119	8.5
1986	68	53	121	8.5
COUNTY % OF TOTAL (1989) STATE DEATHS	1.2%	1.2%	1.2%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

COLFAX CO.	
MALE	838.9
FEMALE	693.5
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

COLFAX COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Cimarron-All	18	14	1.3
Raton-Urban	108	72	1.5
Raton-Rural	8	3	2.7
Springer-Urban	25	19	1.3
Springer-Rural	3	1	3.0
Eagle Nest-All	5	2	2.5
Maxwell-All	6	3	2.0
Other & Unspecified	13	13	1.0
COUNTY TOTAL	186	127	1.5
% OF COUNTY RESIDENT BIRTHS:			
Born in County	72.58%	XXXXX	XXXXX
Born in Other NM County	21.51%	XXXXX	XXXXX
Born Out of State	5.91%	XXXXX	XXXXX

COLFAX COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	2	9.4	2	9.4	0	0.0
1985	2	7.8	2	7.8	0	0.0
1986	2	9.8	2	9.8	0	0.0
1987	2	9.9	1	4.9	1	4.9
1988	4	21.1	3	15.8	1	5.3
1989	2	10.8	2	10.8	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

COLFAX COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	115	149	77	31.7	27.4	6.0	7.8
MALIGNANT NEOPLASMS	83	87	95	22.9	21.2	13.0	12.0
ALL ACCIDENTS	18	6	300	5.0	8.6	15.2	20.5
- MOTOR VEHICLE ACCIDENTS	9	3	300	2.5	4.7	8.7	14.1
- ALL OTHER ACCIDENTS	9	3	300	2.5	3.9	6.5	6.4
CEREBROVASCULAR DISEASE	23	30	77	6.3	5.6	1.2	1.3
COPD	8	12	67	2.2	4.9	1.1	1.2
INFLUENZA AND PNEUMONIA	10	15	67	2.8	3.4	0.0	0.8
SUICIDE	8	2	400	2.2	3.0	8.6	7.7
DIABETES	12	5	240	3.3	2.8	1.0	1.3
LIVER DISEASE - CIRRHOSIS	6	2	300	1.7	1.9	2.3	2.5
HOMICIDE	3	0	-	0.8	1.6	1.7	4.5
CERTAIN PERINATAL COND	5	2	250	1.4	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	2	1	200	0.6	1.0	0.0	0.3
CONGENITAL ANOMALIES	2	1	200	0.6	0.9	2.2	0.9
ATHEROSCLEROSIS	5	3	167	1.4	1.0	0.0	0.1
ALCOHOLISM	0	0	-	0.0	0.8	0.0	1.4
SEPTICEMIA	2	0	-	0.6	0.6	0.0	0.2
ALL OTHER CAUSES	61	54	113	16.8	14.2	9.6	9.5
TOTAL FOR ALL CAUSES	363	369	98	100.0	100.0	62.0	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	COLFAX	N.M.
ALL	100.0	100.0
< 1	2.2	2.3
1- 4	0.6	0.6
5-14	0.6	0.7
15-24	1.9	3.1
25-34	1.1	4.4
35-44	3.0	4.7
45-54	5.0	6.0
55-64	9.4	12.3
65-74	23.7	21.3
75-84	28.1	25.9
85+	24.5	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

CURRY COUNTY

CURRY COUNTY POPULTION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	39517	42019	42500	53200
% 19 AND YOUNGER	41.1%	36.9%	34.2%	31.7%
% 65 AND OLDER	7.4%	9.6%	12.5%	11.9%
% WHITE NON-HISPANIC	74.5%	71.6%	XXXXX	XXXXX
% WHITE HISPANIC	17.4%	19.2%	XXXXX	XXXXX
% BLACK	6.4%	6.8%	XXXXX	XXXXX
% INDIAN	0.3%	0.4%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	15.1%	11.7%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	3.9%	3.2%	2.8%	3.0%

Curry County ranks as the state's 12th most populous county and has a population density of 30.2 persons per square mile. About 3% of the state population resides in Curry County.

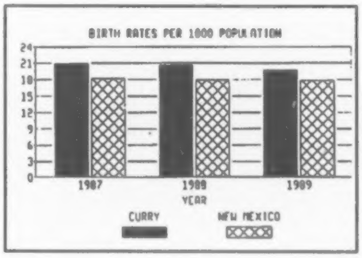
The county population is projected to increase to 53,200 persons by the year 2000, accounting for an increasing percentage of the state's population.

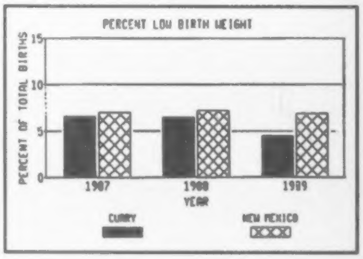
Accounting for 3.1% of the state's births, the county birth rate decreased to 19.7 births per 1,000 population - a level 11% higher than statewide.

The percent of low birth weight births decreased 31% for 1989.

Births to teen mothers are down from the prior year and higher than state levels. The percent of births to single mothers increased but remains below state levels.

CURRY	YEAR		
	1987	1988	1989
LIVE BIRTHS	912	875	838
WHITE			
NON-HISPANIC	498	479	445
HISPANIC	289	283	290
BLACK	94	82	76
INDIAN	8	8	5
OTHER	23	23	22
COUNTY % OF TOTAL STATE BIRTHS	3.3%	3.2%	3.1%



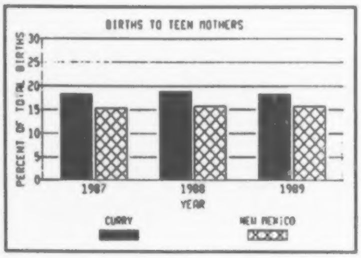


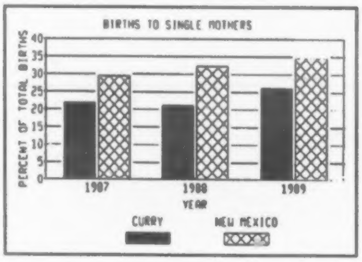
BIRTH DISTRIBUTION

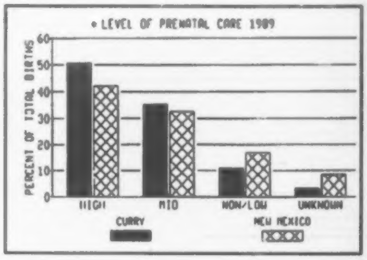
AGE OF MOTHER	CURRY NUMBER	CURRY %	NEW MEXICO %
ALL AGES	838	100.0%	100.0%
<15	2	0.2%	0.2%
15-17	48	5.7%	5.7%
18-19	103	12.3%	9.7%
(15-19)	151	18.0%	15.5%
20-24	318	37.9%	29.5%
25-29	232	27.7%	29.1%
30-34	98	11.7%	17.7%
35-39	30	3.6%	6.8%
=> 40	7	0.8%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP								
			15-19							
		10-14	TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
CURRY:										
1989	93.0	1.2	96.1	51.1	163.0	229.9	162.5	60.6	18.6	2.9
1988	93.8	1.2	102.2	53.0	177.2	206.3	170.0	52.6	17.4	2.2
1987	98.7	--	103.1	60.1	174.0	242.8	162.9	62.6	16.8	1.3
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







CURRY COUNTY

The county crude death rate which decreased to 6.3 deaths per 1,000 population in 1989 accounts for 2.6% of all New Mexico resident deaths. Adjusted rates show lower than state levels of mortality for both males and females.

Heart disease, cancer and stroke are the leading causes of death, accounting for 60% of all deaths. Observed deaths for heart disease and cancer are below expected levels, while deaths from accidents, suicide, and influenza and pneumonia and homicide, are among those causes above expected levels.

Postneonatal mortality is higher in the county than statewide.

Over 86% of resident births occur within the county, while 2% occur in another state. Overall, the county experiences 3.1 births for every death.

CURRY COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	133	135	268	6.3
1988	179	157	336	7.9
1987	159	134	293	6.7
1986	148	144	292	6.7
COUNTY % OF TOTAL (1989) STATE DEATHS	2.3%	2.9%	2.6%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

CURRY CO.	
MALE	816.8
FEMALE	689.4
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

CURRY COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Clovis-Urban	654	223	2.9
Clovis-Rural	67	17	3.9
Texico-All	21	8	2.6
Melrose-All	17	12	1.4
Grady-All	4	2	2.0
Cannon AFB (Military)	64	4	16.0
Other & Unspecified	11	2	5.5
COUNTY TOTAL	838	268	3.1
% OF COUNTY RESIDENT BIRTHS:			
Born in County	86.63%	XXXXX	XXXXX
Born in Other NM County	11.46%	XXXXX	XXXXX
Born Out of State	1.91%	XXXXX	XXXXX

CURRY COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	8	8.2	2	2.0	6	6.1
1985	12	13.4	3	3.4	9	10.1
1986	6	6.8	4	4.6	2	2.3
1987	6	6.6	3	3.3	3	3.3
1988	8	9.1	6	6.9	2	2.3
1989	7	8.4	3	3.6	4	4.8
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

CURRY COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	281	379	74	31.3	27.4	11.1	7.8
MALIGNANT NEOPLASMS	190	228	83	21.1	21.2	12.5	12.0
ALL ACCIDENTS	60	38	158	6.7	8.6	16.3	20.5
- MOTOR VEHICLE ACCIDENTS	29	21	138	3.2	4.7	8.9	14.1
- ALL OTHER ACCIDENTS	31	17	182	3.4	3.9	7.4	6.4
CEREBROVASCULAR DISEASE	71	72	99	7.9	5.6	2.2	1.3
COPD	34	39	87	3.8	4.9	1.1	1.2
INFLUENZA AND PNEUMONIA	55	36	153	6.1	3.4	1.0	0.8
SUICIDE	23	12	192	2.6	3.0	7.1	7.7
DIABETES	14	14	100	1.6	2.8	1.7	1.3
LIVER DISEASE - CIRRHOSIS	8	6	133	0.9	1.9	0.5	2.5
HOMICIDE	6	5	120	0.7	1.6	2.3	4.5
CERTAIN PERINATAL COND	6	12	50	0.7	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	4	3	133	0.4	1.0	0.0	0.3
CONGENITAL ANOMALIES	9	6	150	1.0	0.9	0.9	0.9
ATHEROSCLEROSIS	7	8	88	0.8	1.0	0.1	0.1
ALCOHOLISM	3	0	-	0.3	0.8	0.9	1.4
SEPTICEMIA	7	7	100	0.8	0.6	0.6	0.2
ALL OTHER CAUSES	121	140	86	13.5	14.2	4.9	9.5
TOTAL FOR ALL CAUSES	899	1005	89	100.0	100.0	63.1	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	CURRY	N.M.
ALL	100.0	100.0
< 1	2.3	2.3
1- 4	0.4	0.6
5-14	0.8	0.7
15-24	2.0	3.1
25-34	3.4	4.4
35-44	4.0	4.7
45-54	4.6	6.0
55-64	14.0	12.3
65-74	21.7	21.3
75-84	26.1	25.9
85+	20.6	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

DE BACA COUNTY

DE BACA COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	2547	2454	2200	2200
% 19 AND YOUNGER	35.1%	28.6%	24.4%	27.3%
% 65 AND OLDER	18.1%	21.0%	24.8%	22.5%
% WHITE NON-HISPANIC	58.8%	68.5%	XXXXX	XXXXX
% WHITE HISPANIC	40.8%	30.9%	XXXXX	XXXXX
% BLACK	0.2%	0.0%	XXXXX	XXXXX
% INDIAN	0.1%	0.1%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	24.5%	14.5%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	0.3%	0.2%	0.1%	0.1%

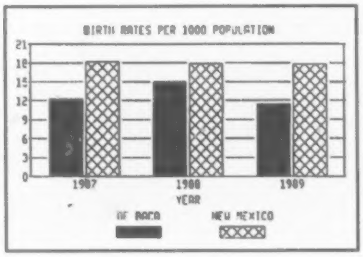
De Baca County ranks as the state's second least populated county and has a population density of .9 persons per square mile, accounting for 0.1% of the state's population.

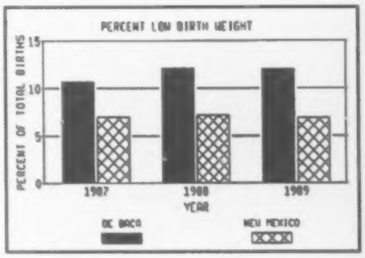
The county population is projected to be 2,200 persons by the year 2000, a 10% decrease from the 1980 figure, and accounting for an unchanged percentage of the 1989 state population.

Birth rates have run below state levels. The 1989 rate of 11.4 births per 1,000 population is 36% below the state birth rate as the county accounts for only 0.1% of all New Mexico resident births.

The percentage of births to teen mothers is nearly double the 1988 county level. The percentage of births to single mothers increased 76% from the previous year. The percent of low birth weight births remained above state levels, 12.0% for the county and 6.9% for the state.

DE BACA	YEAR		
	1987	1988	1989
LIVE BIRTHS	28	33	25
WHITE			
NON-HISPANIC	15	20	7
HISPANIC	13	11	18
BLACK	0	0	0
INDIAN	0	1	0
OTHER	0	1	0
COUNTY % OF TOTAL STATE BIRTHS	0.1%	0.1%	0.1%





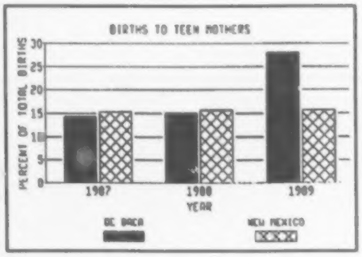
BIRTH DISTRIBUTION

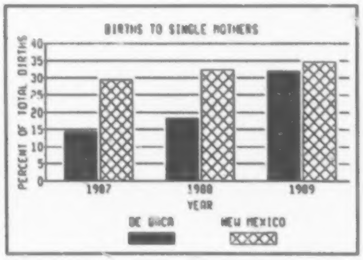
AGE OF MOTHER	DE BACA NUMBER	DE BACA %	NEW MEXICO %
ALL AGES	25	100.0%	100.0%
<15	1	4.0%	0.2%
15-17	3	12.0%	5.7%
18-19	3	12.0%	9.7%
(15-19)	6	24.0%	15.5%
20-24	8	32.0%	29.5%
25-29	7	28.0%	29.1%
30-34	1	4.0%	17.7%
35-39	2	8.0%	6.8%
=> 40	0	-	1.2%

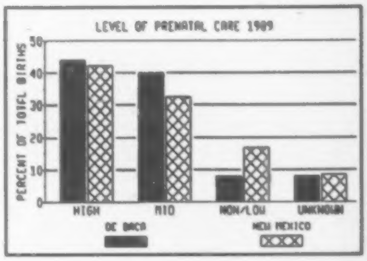
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-19 15-17	15-19 18-19	20-24	25-29	30-34	35-39	40-49
DE BACA:										
1989	63.1	25.0	113.2	103.4	125.0	95.2	76.9	16.1	35.1	--
1988	88.5	--	74.6	27.0	133.3	162.2	136.4	113.2	17.9	--
1987	67.0	--	52.6	23.8	88.2	117.6	72.5	111.1	32.8	--
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







DE BACA COUNTY

The county crude death rate decreased to 13.2 deaths per 1,000 population, accounting for 0.3% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for females but lower for males.

Heart disease, cancer and accidents are the leading causes of death, accounting for 63% of all deaths. Observed deaths are less than expected for heart disease, but higher than expected for cancer, stroke, chronic obstructive pulmonary disease (COPD), influenza and pneumonia, and accidents.

Due to the relatively small number of births each year, infant mortality figures can fluctuate and must be cautiously interpreted.

68% of resident births occur in another county. Overall, the county experiences 0.9 births for every death.

DE BACA COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	17	12	29	13.2
1988	14	20	34	15.5
1987	12	23	35	15.2
1986	15	9	24	10.0
COUNTY % OF TOTAL (1989) STATE DEATHS	0.3%	0.3%	0.3%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES 1987 - 89 AVERAGE	
DE BACA CO.	
MALE	820.0
FEMALE	962.6
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

DE BACA COUNTY PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Ft. Sumner-Urban	16	19	0.8
Ft. Sumner-Rural	8	7	1.1
Other & Unspecified	1	3	0.3
COUNTY TOTAL	25	29	0.9
% OF COUNTY RESIDENT BIRTHS:			
Born in County	68.00%	XXXXX	XXXXX
Born in Other NM County	32.00%	XXXXX	XXXXX
Born Out of State	....	XXXXX	XXXXX

DE BACA COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	0	0.0	0	0.0	0	0.0
1985	0	0.0	0	0.0	0	0.0
1986	0	0.0	0	0.0	0	0.0
1987	0	0.0	0	0.0	0	0.0
1988	0	0.0	0	0.0	0	0.0
1989	0	0.0	0	0.0	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

DE BACA COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	26	43	60	26.3	27.4	15.7	7.8
MALIGNANT NEOPLASMS	24	20	120	24.2	21.2	40.1	12.0
ALL ACCIDENTS	12	0	-	12.1	8.6	56.0	20.5
- MOTOR VEHICLE ACCIDENTS	6	0	-	6.1	4.7	42.1	14.1
- ALL OTHER ACCIDENTS	6	0	-	6.1	3.9	13.8	6.4
CEREBROVASCULAR DISEASE	5	4	125	5.1	5.6	0.0	1.3
COPD	4	3	133	4.0	4.9	0.0	1.2
INFLUENZA AND PNEUMONIA	6	3	200	6.1	3.4	0.0	0.8
SUICIDE	4	0	-	4.0	3.0	15.7	7.7
DIABETES	0	0	-	0.0	2.8	0.0	1.3
LIVER DISEASE - CIRRHOSIS	3	0	-	3.0	1.9	1.6	2.5
HOMICIDE	0	0	-	0.0	1.6	0.0	4.5
CERTAIN PERINATAL COND	0	0	-	0.0	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	0	0	-	0.0	1.0	0.0	0.3
CONGENITAL ANOMALIES	0	0	-	0.0	0.9	0.0	0.9
ATHEROSCLEROSIS	0	0	-	0.0	1.0	0.0	0.1
ALCOHOLISM	1	0	-	1.0	0.8	0.0	1.4
SEPTICEMIA	0	0	-	0.0	0.6	0.0	0.2
ALL OTHER CAUSES	14	11	127	14.1	14.2	13.2	9.5
TOTAL FOR ALL CAUSES	99	84	118	100.0	100.0	142.2	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989		
AGE	DE BACA	N.M.
ALL	100.0	100.0
< 1	0.0	2.3
1- 4	0.0	0.6
5-14	1.0	0.7
15-24	2.0	3.1
25-34	1.0	4.4
35-44	3.0	4.7
45-54	8.1	6.0
55-64	13.1	12.3
65-74	13.1	21.3
75-84	33.3	25.9
85+	25.3	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

DONA ANA COUNTY

DONA ANA COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	69773	96340	131600	161900
% 19 AND YOUNGER	45.6%	38.0%	33.9%	33.0%
% 65 AND OLDER	5.3%	7.2%	8.8%	10.5%
% WHITE NON-HISPANIC	45.9%	44.5%	XXXXX	XXXXX
% WHITE HISPANIC	50.8%	51.8%	XXXXX	XXXXX
% BLACK	1.9%	1.7%	XXXXX	XXXXX
% INDIAN	0.3%	0.8%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	20.5%	18.3%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	6.9%	7.4%	8.6%	9.2%

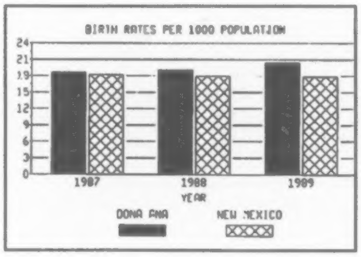
Dona Ana County ranks as the state's second most populous county and has a population density of 34.5 persons per square mile, accounting for 8.6% of the state's total population.

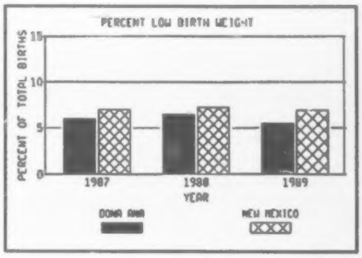
The county population is projected to reach nearly 162,000 persons by the year 2000, accounting for an increasing percent of the state population.

The county accounts for 9.9% of all resident births in the state with a birth rate above the overall state rate. The 1989 birth rate of 20.5 births per 1,000 live births represents a 7% increase from the prior year.

Percentages of low birth weight births, births to single mothers, and births to teen mothers are below state levels.

DONA ANA	YEAR 1987	1988	1989
LIVE BIRTHS	2399	2518	2702
WHITE			
NON-HISPANIC	628	702	653
HISPANIC	1675	1735	1967
BLACK	56	49	43
INDIAN	15	11	18
OTHER	25	21	21
COUNTY % OF TOTAL STATE BIRTHS	8.8%	9.3%	9.9%



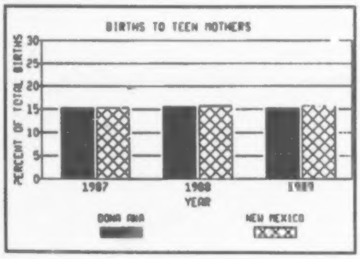


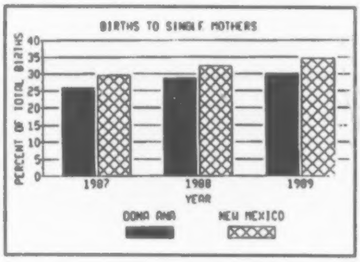
BIRTH DISTRIBUTION

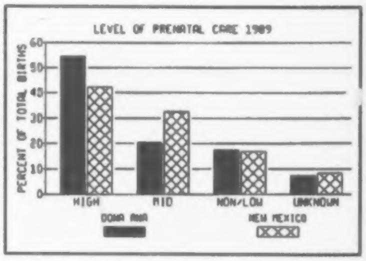
AGE OF MOTHER	DONA ANA NUMBER	%	NEW MEXICO %
ALL AGES	2702	100.0%	100.0%
<15	5	0.2%	0.2%
15-17	151	5.6%	5.7%
18-19	254	9.4%	9.7%
(15-19)	405	15.0%	15.5%
20-24	832	30.8%	29.5%
25-29	760	28.1%	29.1%
30-34	511	18.9%	17.7%
35-39	160	5.9%	6.8%
=> 40	29	1.1%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
DONA ANA:										
1989	84.7	.9	70.9	45.3	106.6	131.3	111.8	92.1	40.5	4.4
1988	79.2	.7	65.7	40.3	102.2	112.4	113.6	86.0	39.8	2.9
1987	76.8	.9	60.3	38.0	95.8	109.1	110.0	83.8	36.4	5.1
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







DONA ANA COUNTY

The crude death rate increased slightly to 5.4 deaths per 1,000 population, accounting for 6.8% of New Mexico resident deaths. Adjusted rates show lower than state levels of mortality for both males and females.

Heart disease, cancer and accidents are the leading causes of death, accounting for 59% of all deaths. Observed deaths are less than expected for heart disease and cancer and 24% higher than expected for accidents. Observed deaths are higher than expected for diabetes, suicide, cirrhosis, congenital anomalies, atherosclerosis and alcoholism.

Infant mortality is below state levels.

Over 18% of resident births occur in another state. Overall, the county experiences 3.8 births for every death.

DONA ANA COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	386	327	713	5.4
1988	400	301	701	5.3
1987	347	312	659	5.1
1986	361	279	640	5.2
COUNTY % OF TOTAL (1989) STATE DEATHS	6.7%	7.0%	6.8%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

DONA ANA CO.	
MALE	708.5
FEMALE	697.5
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

DONA ANA COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Hatch-All	63	19	3.3
Las Cruces-Urban	1272	460	2.8
Las Cruces-Rural	331	42	7.9
Mesilla-Urban	3	11	0.3
Mesilla-Rural	26	2	13.0
La Mesa-All	56	18	3.1
Sunland Park-All	90	18	5.0
Anthony-All	211	43	4.9
White Sands Missle Range (Mil.)	36	3	12.0
Other & Unspecified	614	97	6.3
COUNTY TOTAL	2702	713	3.8
% OF COUNTY RESIDENT BIRTHS:			
Born in County	80.20%	XXXXX	XXXXX
Born in Other NM County	1.37%	XXXXX	XXXXX
Born Out of State	18.43%	XXXXX	XXXXX

DONA ANA COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	15	6.6	10	4.4	5	2.2
1985	15	7.0	8	3.7	7	3.3
1986	13	5.8	7	3.1	6	2.7
1987	17	7.1	12	5.0	5	2.1
1988	23	9.1	15	6.0	8	3.2
1989	20	7.4	14	5.2	6	2.2
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

DONA ANA COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	571	877	65	27.3	27.4	6.0	7.8
MALIGNANT NEOPLASMS	480	598	80	23.0	21.2	10.4	12.0
ALL ACCIDENTS	173	140	124	8.3	8.6	16.6	20.5
- MOTOR VEHICLE ACCIDENTS	111	77	144	5.3	4.7	12.5	14.1
- ALL OTHER ACCIDENTS	62	63	98	3.0	3.9	4.0	6.4
CEREBROVASCULAR DISEASE	107	163	66	5.1	5.6	1.2	1.3
COPD	91	99	92	4.4	4.9	1.1	1.2
INFLUENZA AND PNEUMONIA	60	82	73	2.9	3.4	0.4	0.8
SUICIDE	58	41	141	2.8	3.0	4.9	7.7
DIABETES	77	46	167	3.7	2.8	0.9	1.3
LIVER DISEASE - CIRRHOSIS	40	32	125	1.9	1.9	1.3	2.5
HOMICIDE	20	28	71	1.0	1.6	1.9	4.5
CERTAIN PERINATAL COND	29	35	83	1.4	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	17	20	85	0.8	1.0	0.2	0.3
CONGENITAL ANOMALIES	16	15	107	0.8	0.9	0.0	0.9
ATHEROSCLEROSIS	47	22	214	2.2	1.0	0.0	0.1
ALCOHOLISM	12	4	300	0.6	0.8	0.7	1.4
SEPTICEMIA	18	21	86	0.9	0.6	0.1	0.2
ALL OTHER CAUSES	275	358	77	13.2	14.2	8.0	9.5
TOTAL FOR ALL CAUSES	2091	2581	81	100.0	100.0	53.7	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	DONA ANA	N.M.
ALL	100.0	100.0
< 1	3.0	2.3
1- 4	0.8	0.6
5-14	0.6	0.7
15-24	3.3	3.1
25-34	4.5	4.4
35-44	3.7	4.7
45-54	6.4	6.0
55-64	12.7	12.3
65-74	23.0	21.3
75-84	23.4	25.9
85+	18.7	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

EDDY COUNTY

EDDY COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	41119	47855	47900	48500
% 19 AND YOUNGER	41.5%	35.1%	32.8%	30.3%
% 65 AND OLDER	8.9%	12.5%	15.0%	16.4%
% WHITE NON-HISPANIC	66.6%	66.9%	XXXXX	XXXXX
% WHITE HISPANIC	30.5%	30.6%	XXXXX	XXXXX
% BLACK	2.2%	1.8%	XXXXX	XXXXX
% INDIAN	0.2%	0.3%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	17.8%	10.1%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	4.0%	3.7%	3.1%	2.8%

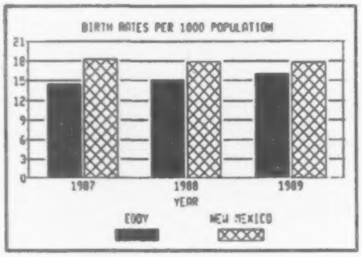
Eddy County ranks as the state's 10th most populous county and has a population density of 11.4 persons per square mile, accounting for 3.1% of the state's total population.

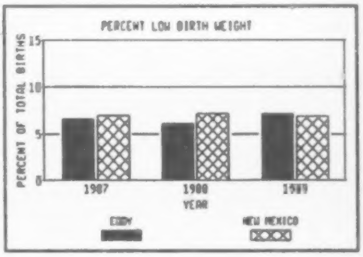
The county population is projected to reach 48,500 persons by the year 2000.

The county birth rate had decreased notably during the prior five years but increased in 1988 to 15.1, a 4% increase over the 1987 rate. In 1989 the birth rate increased once again to 16.1, accounting for 2.8% of New Mexico's births. The fertility rate indicates a higher than statewide rate of childbearing for Eddy County women in 1989.

The 1989 percentage of low birth weight births increased above state levels; births to teens decreased but remains above state levels; births to single mothers has decreased and remains below state levels.

EDDY	YEAR 1987	1988	1989
LIVE BIRTHS	738	738	769
WHITE			
NON-HISPANIC	369	329	347
HISPANIC	348	377	386
BLACK	10	21	24
INDIAN	2	6	5
OTHER	9	5	7
COUNTY % OF TOTAL STATE BIRTHS	2.7%	2.7%	2.8%





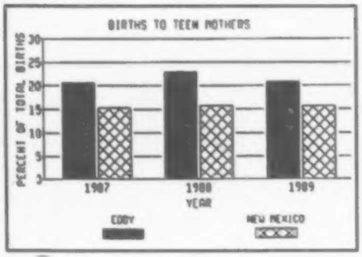
BIRTH DISTRIBUTION

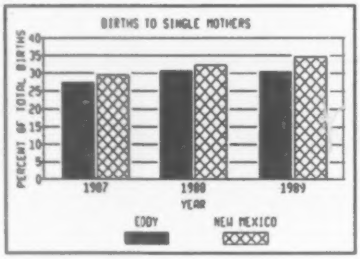
AGE OF MOTHER	EDDY NUMBER	EDDY %	NEW MEXICO %
ALL AGES	769	100.0%	100.0%
<15	0	.	0.2%
15-17	58	7.5%	5.7%
18-19	102	13.3%	9.7%
(15-19)	160	20.8%	15.5%
20-24	234	30.4%	29.5%
25-29	231	30.0%	29.1%
30-34	98	12.7%	17.7%
35-39	43	5.6%	6.8%
=> 40	3	0.4%	1.2%

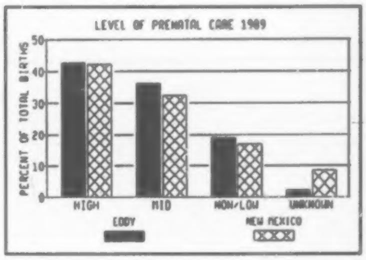
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
EDDY:										
1989	77.7	--	89.5	54.7	140.5	146.3	141.4	58.7	25.5	1.1
1988	71.5	2.1	90.1	51.1	148.1	130.8	98.2	67.9	19.9	1.9
1987	69.5	.5	76.1	52.7	113.0	127.0	118.6	58.6	15.0	1.5
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







EDDY COUNTY

The county crude death rate of 9.6 deaths per 1,000 population accounts for 4.4% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both females and males.

Heart disease, cancer and accidents are the leading causes of death, accounting for 60% of all deaths. Observed deaths are less than expected for heart disease, 83% higher than expected for accidents, and 1% higher than the expected for cancer. Observed deaths are higher than expected for chronic obstructive pulmonary disease (COPD), diabetes, suicide, influenza & pneumonia, cirrhosis, and homicide among other causes.

Infant mortality is lower in the county than statewide.

92% of resident births occur within the county. Overall, the county experiences 1.7 births for every death.

EDDY COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	238	223	461	9.6
1988	250	213	463	9.5
1987	249	227	476	9.4
1986	238	236	474	9.0
COUNTY % OF TOTAL (1989) STATE DEATHS	4.1%	4.8%	4.4%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES 1987 - 89 AVERAGE	
EDDY CO.	
MALE	965.9
FEMALE	870.7
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

EDDY COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Artesia-Urban	209	111	1.9
Artesia-Rural	42	25	1.7
Carlsbad-Urban	410	286	1.4
Carlsbad-Rural	69	26	2.7
Loving-Urban	19	7	2.7
Loving-Rural	4	1	4.0
Hope-All	3	2	1.5
Other & Unspecified	13	3	4.3
COUNTY TOTAL	769	461	1.7
% OF COUNTY RESIDENT BIRTHS:			
Born in County	91.81%	XXXXX	XXXXX
Born in Other NM County	7.02%	XXXXX	XXXXX
Born Out of State	1.17%	XXXXX	XXXXX

EDDY COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	11	11.8	8	8.6	3	3.2
1985	7	7.9	6	6.8	1	1.1
1986	11	12.6	7	8.0	4	4.6
1987	5	6.8	3	4.1	2	2.7
1988	13	17.6	6	8.1	7	9.5
1989	5	6.5	3	3.9	2	2.6
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

EDDY COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	454	487	93	32.3	27.4	10.8	7.8
MALIGNANT NEOPLASMS	310	308	101	22.1	21.2	13.7	12.0
ALL ACCIDENTS	84	46	183	6.0	8.6	17.6	20.5
- MOTOR VEHICLE ACCIDENTS	42	22	191	3.0	4.7	12.7	14.1
- ALL OTHER ACCIDENTS	42	24	175	3.0	3.9	4.8	6.4
CEREBROVASCULAR DISEASE	65	94	69	4.6	5.6	1.8	1.3
COPD	78	54	144	5.6	4.9	1.4	1.2
INFLUENZA AND PNEUMONIA	59	46	128	4.2	3.4	0.5	0.8
SUICIDE	30	16	188	2.1	3.0	6.7	7.7
DIABETES	32	21	152	2.3	2.8	1.3	1.3
LIVER DISEASE - CIRRHOSIS	21	12	175	1.5	1.9	1.4	2.5
HOMICIDE	13	7	186	0.9	1.6	3.7	4.5
CERTAIN PERINATAL COND	8	10	80	0.6	1.0	0.6	0.1
NEPHRITIS NEPHROTIC SYND	13	12	108	0.9	1.0	0.4	0.3
CONGENITAL ANOMALIES	9	5	180	0.6	0.9	0.5	0.9
ATHEROSCLEROSIS	6	11	55	0.4	1.0	0.0	0.1
ALCOHOLISM	2	0	-	0.1	0.8	0.6	1.4
SEPTICEMIA	11	10	110	0.8	0.6	0.3	0.2
ALL OTHER CAUSES	210	177	119	14.9	14.2	11.3	9.5
TOTAL FOR ALL CAUSES	1405	1316	107	100.0	100.0	72.6	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989		
AGE	EDDY	N.M.
ALL	100.0	100.0
< 1	1.6	2.3
1- 4	0.4	0.6
5-14	0.4	0.7
15-24	2.0	3.1
25-34	2.3	4.4
35-44	3.2	4.7
45-54	4.3	6.0
55-64	12.2	12.3
65-74	21.5	21.3
75-84	30.6	25.9
85+	21.3	18.6

INFANT = <1 year, NEONATAL = <28 days, POSTNEONATAL = 28 days to <1 year.

GRANT COUNTY

GRANT COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	22030	26204	27300	28400
% 19 AND YOUNGER	42.5%	37.4%	33.3%	29.1%
% 65 AND OLDER	7.9%	10.5%	12.4%	13.2%
% WHITE NON-HISPANIC	42.2%	47.4%	XXXXX	XXXXX
% WHITE HISPANIC	56.1%	51.2%	XXXXX	XXXXX
% BLACK	0.5%	0.5%	XXXXX	XXXXX
% INDIAN	0.4%	0.5%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	11.9%	12.4%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	2.2%	2.0%	1.8%	1.6%

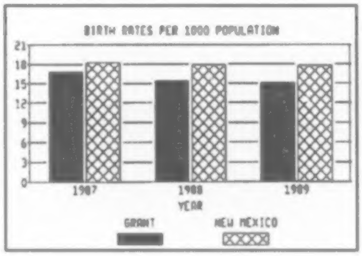
Grant County ranks as the state's 14th most populous county and has a population density of 6.9 persons per square mile, accounting for almost 2% of the state population.

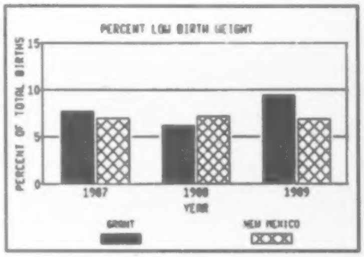
The county population is projected to reach 28,400 persons by the year 2000, with a 26% increase from 1980 in the percentage of persons 65 and older.

The county birth rate decreased to 15.1 births per 1,000 population in 1989, 2% less than 1988 and 15% less than the 1989 state rate, and accounting for 1.5% of the state's resident births.

The percentage of low birth weight births increased above state levels; the percent of births to teen increased in 1989, remaining higher than for the state; and the percent of births to single mothers also increased for the county but remained below state levels.

GRANT	YEAR 1987	1988	1989
LIVE BIRTHS	456	420	413
WHITE			
NON-HISPANIC	133	134	130
HISPANIC	315	275	266
BLACK	2	3	5
INDIAN	4	5	8
OTHER	2	3	4
COUNTY % OF TOTAL STATE BIRTHS	1.7%	1.6%	1.5%





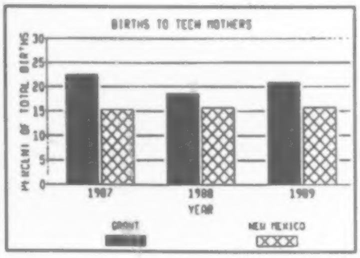
BIRTH DISTRIBUTION

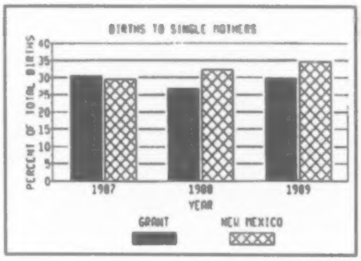
AGE OF MOTHER	GRANT NUMBER	GRANT %	NEW MEXICO %
ALL AGES	413	100.0%	100.0%
<15	1	0.2%	0.2%
15-17	26	6.3%	5.7%
18-19	59	14.3%	9.7%
(15-19)	85	20.6%	15.5%
20-24	137	33.2%	29.5%
25-29	106	25.7%	29.1%
30-34	49	11.9%	17.7%
35-39	30	7.3%	6.8%
=> 40	5	1.2%	1.2%

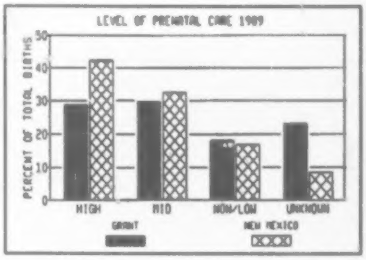
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
GRANT:										
1989	67.4	.9	81.3	42.9	134.4	122.8	93.9	50.8	31.0	3.1
1988	69.4	--	76.3	40.3	126.8	114.2	128.8	47.9	23.4	6.2
1987	73.4	2.6	85.7	54.7	129.4	140.3	105.2	60.2	23.9	4.3
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







GRANT COUNTY

The county crude death rate of 9.3 deaths per 1,000 population, accounts for 2.4% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both females and males.

Heart disease, cancer and influenza and pneumonia are the leading causes of death, accounting for 63% of all deaths. Observed deaths are close to expected for heart disease, but higher than expected for cancer and influenza and pneumonia. Observed deaths are higher than expected for accidents, chronic obstructive pulmonary disease (COPD), diabetes, suicide and cirrhosis among others.

Infant mortality is lower in the county than statewide.

About 94% of resident births occur within the county. Overall, the county experiences 1.6 births for every death.

GRANT COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	142	112	254	9.3
1988	123	118	241	8.9
1987	115	111	226	8.3
1986	134	97	231	8.4
COUNTY % OF TOTAL (1989) STATE DEATHS	2.5%	2.4%	2.4%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

GRANT CO.	
MALE	914.2
FEMALE	901.5
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

GRANT COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Bayard-Urban	40	21	1.9
Bayard-Rural	4	1	4.0
Central-Urban	35	13	2.7
Central-Rural	1	1	1.0
Hurley-Urban	24	12	2.0
Hurley-Rural	3	5	0.6
Silver City-Urban	170	85	2.0
Silver City-Rural	53	14	3.8
Fort Bayard-All	5	63	0.1
Other & Unspecified	78	39	2.0
COUNTY TOTAL	413	254	1.6
% OF COUNTY RESIDENT BIRTHS:			
Born in County	94.43%	XXXXX	XXXXX
Born in Other NM County	4.12%	XXXXX	XXXXX
Born Out of State	1.45%	XXXXX	XXXXX

GRANT COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	3	6.4	1	2.1	2	4.3
1985	8	15.5	5	9.7	3	5.8
1986	3	6.8	3	6.8	0	0.0
1987	2	4.4	0	0.0	2	4.4
1988	2	4.8	2	4.8	0	0.0
1989	2	4.8	1	2.4	1	2.4
NEW MEXICO 1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

GRANT COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	241	250	96	33.3	27.4	11.4	7.8
MALIGNANT NEOPLASMS	167	157	106	23.1	21.2	14.3	12.0
ALL ACCIDENTS	45	19	237	6.2	8.6	20.7	20.5
- MOTOR VEHICLE ACCIDENTS	29	11	264	4.0	4.7	16.9	14.1
- ALL OTHER ACCIDENTS	16	8	200	2.2	3.9	3.8	6.4
CEREBROVASCULAR DISEASE	33	47	70	4.6	5.6	1.4	1.3
COPD	42	25	168	5.8	4.9	0.5	1.2
INFLUENZA AND PNEUMONIA	47	23	204	6.5	3.4	0.9	0.8
SUICIDE	19	6	317	2.6	3.0	9.9	7.7
DIABETES	20	10	200	2.8	2.8	1.4	1.3
LIVER DISEASE - CIRRHOSIS	12	6	200	1.7	1.9	2.5	2.5
HOMICIDE	4	1	400	0.6	1.6	1.3	4.5
CERTAIN PERINATAL COND	2	7	29	0.3	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	9	6	150	1.2	1.0	0.3	0.3
CONGENITAL ANOMALIES	4	1	400	0.6	0.9	2.1	0.9
ATHEROSCLEROSIS	3	2	150	0.4	1.0	0.0	0.1
ALCOHOLISM	2	0	-	0.3	0.8	0.0	1.4
SEPTICEMIA	4	3	133	0.6	0.6	0.0	0.2
ALL OTHER CAUSES	70	83	84	9.7	14.2	4.0	9.5
TOTAL FOR ALL CAUSES	724	646	112	100.0	100.0	70.4	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

% OF TOTAL DEATHS 1987-1989

AGE	GRANT	N.M.
ALL	100.0	100.0
< 1	0.8	2.3
1- 4	0.4	0.6
5-14	0.4	0.7
15-24	2.6	3.1
25-34	2.9	4.4
35-44	4.0	4.7
45-54	4.6	6.0
55-64	9.7	12.3
65-74	24.3	21.3
75-84	29.7	25.9
85+	20.6	18.6

GUADALUPE COUNTY

GUADALUPE COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	4969	4496	4000	4100
% 19 AND YOUNGER	47.2%	38.6%	31.8%	31.4%
% 65 AND OLDER	9.4%	12.2%	15.5%	18.3%
% WHITE NON-HISPANIC	15.0%	16.5%	XXXXX	XXXXX
% WHITE HISPANIC	84.5%	82.4%	XXXXX	XXXXX
% BLACK	0.1%	0.1%	XXXXX	XXXXX
% INDIAN	---	0.2%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	37.9%	27.0%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	0.5%	0.3%	0.3%	0.2%

Guadalupe County ranks as the state's 30th most populous county and has a population density of 1.3 persons per square mile, accounting for 0.3% of the state's total population.

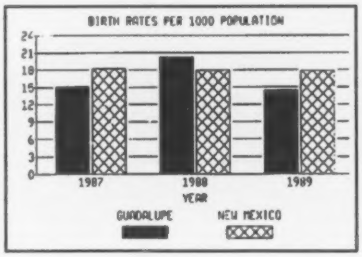
County population projections to the year 2000, project the population to be 4,100 persons, accounting for 0.2% of the state population.

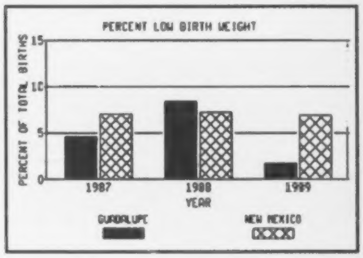
The county birth rate decreased 19% below the state level to 14.5 births per 1,000 population in 1989, accounting for 0.2% of the state's resident births.

The percentage of low birth weight births decreased dramatically from the previous year, 8.4% to 1.7%, an 80% decrease.

The percentage of births to teens decreased 25% from the prior year. Births to single mothers decreased by 15% from the prior year.

GUADALUPE	YEAR		
	1987	1988	1989
LIVE BIRTHS	65	83	58
WHITE			
NON-HISPANIC	6	4	7
HISPANIC	54	79	47
BLACK	0	0	0
INDIAN	2	0	2
OTHER	3	0	2
COUNTY % OF TOTAL STATE BIRTHS	0.2%	0.3%	0.2%



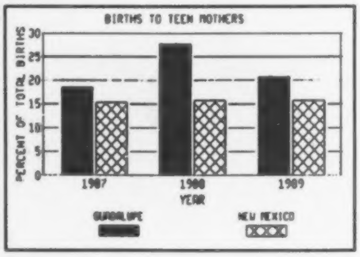


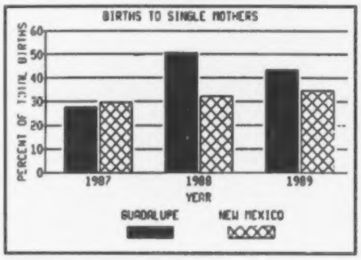
BIRTH DISTRIBUTION

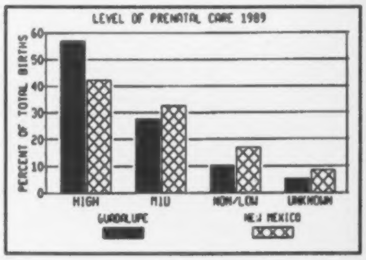
AGE OF MOTHER	GUADALUPE NUMBER	GUADALUPE %	NEW MEXICO %
ALL AGES	58	100.0%	100.0%
<15	0	-	0.2%
15-17	3	5.2%	5.7%
18-19	9	15.5%	9.7%
(15-19)	12	20.7%	15.5%
20-24	15	25.9%	29.5%
25-29	14	24.1%	29.1%
30-34	10	17.2%	17.7%
35-39	6	10.3%	6.8%
=> 40	1	1.7%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP								
			15-19							
		10-14	TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
GUADALUPE:										
1989	76.6	--	106.2	52.6	160.7	88.2	82.8	105.3	57.1	5.2
1988	106.0	--	152.3	90.9	216.2	193.8	94.5	142.9	23.3	8.0
1987	71.8	--	69.8	30.0	125.0	100.0	170.9	55.6	--	--
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







GUADALUPE COUNTY

The county crude death rate increased to 11.5 deaths per 1,000 population, accounting for 0.4% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both females and males.

Heart disease, cancer and accidents are the leading causes of death, accounting for 59% of all deaths. Observed deaths are higher than expected for cancer and accidents, but close to expected for heart disease. Observed deaths are also higher than expected for stroke, C.O.P.D., and influenza/pneumonia.

No infant deaths occurred to county residents in 1989.

67% of resident births are delivered in other counties. Overall, the county experiences 1.3 births for every death.

GUADALUPE COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	32	14	46	11.5
1988	23	13	36	8.8
1987	26	19	45	10.5
1986	20	15	35	8.0
COUNTY % OF TOTAL (1989) STATE DEATHS	0.6%	0.3%	0.4%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES 1987 - 89 AVERAGE	
GUADALUPE CO.	
MALE	1212.3
FEMALE	842.0
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

GUADALUPE COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Santa Rosa-Urban	30	29	1.0
Santa Rosa-Rural	8	1	8.0
Vaughn-Urban	6	5	1.2
Vaughn-Rural	3	1	3.0
Other & Unspecified	11	10	1.1
COUNTY TOTAL	58	46	1.3
% OF COUNTY RESIDENT BIRTHS:			
Born in County	32.76%	XXXXX	XXXXX
Born in Other NM County	67.24%	XXXXX	XXXXX
Born Out of State	----	XXXXX	XXXXX

GUADALUPE COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	3	38.5	2	25.6	1	12.8
1985	2	25.6	1	12.8	1	12.8
1986	0	0.0	0	0.0	0	0.0
1987	1	15.4	0	0.0	1	15.4
1988	0	0.0	0	0.0	0	0.0
1989	0	0.0	0	0.0	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.6	85	3.1

Rate Per 1000 Live Births

GUADALUPE COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	40	41	98	31.5	27.4	6.2	7.8
MALIGNANT NEOPLASMS	24	18	133	18.9	21.2	23.2	12.0
ALL ACCIDENTS	11	1	1100	8.7	8.6	30.7	20.5
- MOTOR VEHICLE ACCIDENTS	5	1	500	3.9	4.7	15.7	14.1
- ALL OTHER ACCIDENTS	6	0	-	4.7	3.9	15.0	6.4
CEREBROVASCULAR DISEASE	7	5	140	5.5	5.6	0.0	1.3
COPD	4	2	200	3.1	4.9	0.0	1.2
INFLUENZA AND PNEUMONIA	7	4	175	5.5	3.4	0.0	0.8
SUICIDE	2	0	-	1.6	3.0	4.5	7.7
DIABETES	2	0	-	1.6	2.8	0.0	1.3
LIVER DISEASE - CIRRHOSIS	2	0	-	1.6	1.9	0.0	2.5
HOMICIDE	3	0	-	2.4	1.8	4.8	4.5
CERTAIN PERINATAL COND	0	0	-	0.0	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	2	0	-	1.6	1.0	0.0	0.3
CONGENITAL ANOMALIES	1	0	-	0.8	0.9	0.0	0.9
ATHEROSCLEROSIS	0	0	-	0.0	1.0	0.0	0.1
ALCOHOLISM	1	0	-	0.8	0.8	2.8	1.4
SEPTICEMIA	1	0	-	0.8	0.6	0.0	0.2
ALL OTHER CAUSES	20	13	154	15.7	14.2	30.3	9.5
TOTAL FOR ALL CAUSES	127	84	151	100.0	100.0	102.4	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989		
AGE	GUADALUPE	N.M.
ALL	100.0	100.0
< 1	0.8	2.3
1- 4	0.0	0.6
5-14	2.4	0.7
15-24	3.1	3.1
25-34	3.1	4.4
35-44	4.7	4.7
45-54	6.3	6.0
55-64	10.2	12.3
65-74	27.6	21.3
75-84	21.3	25.9
85+	20.5	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

HARDING COUNTY

HARDING COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	1348	1090	1000	900
% 19 AND YOUNGER	38.4%	29.5%	29.0%	28.5%
% 65 AND OLDER	14.6%	17.5%	22.3%	23.7%
% WHITE NON-HISPANIC	50.2%	55.1%	XXXXX	XXXXX
% WHITE HISPANIC	49.3%	44.3%	XXXXX	XXXXX
% BLACK	---	---	XXXXX	XXXXX
% INDIAN	0.5%	0.1%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	28.3%	16.9%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	0.1%	0.1%	0.1%	0.05%

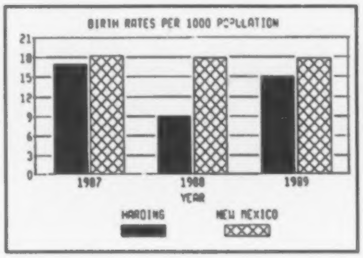
Harding County ranks as the state's least populous county and has a population density of .5 persons per square mile, accounting for 0.1% of New Mexico's population.

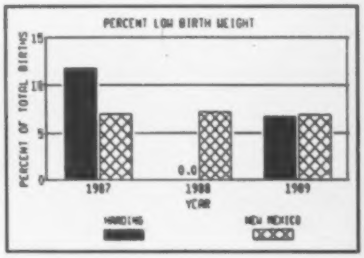
The county population is projected to decrease to 900 persons by the year 2000; a 17% drop in population from 1980.

The county birth rate is 16% below the state rate. The county rate of 15.0 births per 1,000 population accounts for 0.06% of state resident births.

Because of the relatively few births, birth characteristics fluctuate. The percentage of low birth weight births increased to 6.7% for 1989. The percentage of births to single mothers increased by 80% and births to teens decreased 40%.

HARDING	YEAR 1987	1988	1989
LIVE BIRTHS	17	9	15
WHITE			
NON-HISPANIC	8	3	9
HISPANIC	9	5	5
BLACK	0	0	0
INDIAN	0	1	1
OTHER	0	0	0
COUNTY % OF TOTAL STATE BIRTHS	0.1%	0.03%	0.06%



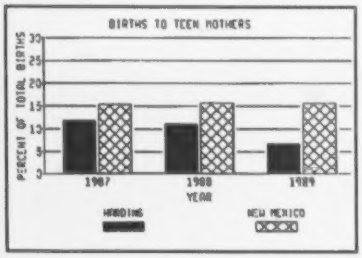


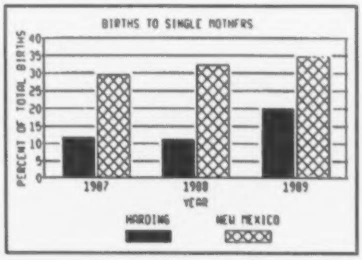
BIRTH DISTRIBUTION

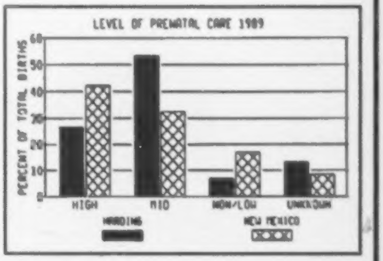
AGE OF MOTHER	HARDING NUMBER	HARDING %	NEW MEXICO %
ALL AGES	15	100.0%	100.0%
<15	0	-	0.2%
15-17	0	-	5.7%
18-19	1	6.7%	9.7%
(15-19)	1	6.7%	15.5%
20-24	4	26.7%	29.5%
25-29	5	33.3%	29.1%
30-34	4	26.7%	17.7%
35-39	0	-	6.8%
=> 40	1	6.7%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
HARDING:										
1989	91.5	--	40.0	--	90.9	133.3	156.3	200.0	--	22.2
1988	61.6	--	41.7	--	83.3	38.5	190.5	176.5	--	--
1987	109.0	--	76.9	66.7	90.9	200.0	238.1	136.4	30.3	--
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







HARDING COUNTY

The county crude death rate has decreased to 4.0 deaths per 1,000 population. Adjusted rates show lower than state levels of mortality for both females and males.

Heart disease, cancer, and accidents are the leading causes of death, accounting for 62% of all deaths. Observed deaths are the same as the expected for heart disease. Deaths were reported in several cause categories in low frequencies.

Due to the relatively small number of births each year, infant mortality rates fluctuate radically.

No resident births occur within the county; over 13% occur out of state. Overall, the county experiences 3.8 births for every death.

HARDING COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	3	1	4	4.0
1988	5	3	8	8.0
1987	8	6	14	14.0
1986	3	3	6	6.0
COUNTY % OF TOTAL (1989) STATE DEATHS	0.1%	0.0%	0.0%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

HARDING CO.	
MALE	754.7
FEMALE	620.2
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

HARDING COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Roy-All	8	3	2.7
Mosquero-All	1	0	---
Other & Unspecified	6	1	6.0
COUNTY TOTAL	15	4	3.8
% OF COUNTY RESIDENT BIRTHS:			
Born in County	----	XXXXX	XXXXX
Born in Other NM County	86.67%	XXXXX	XXXXX
Born Out of State	13.33%	XXXXX	XXXXX

HARDING COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	0	0.0	0	0.0	0	0.0
1985	1	62.5	0	0.0	1	62.5
1986	0	0.0	0	0.0	0	0.0
1987	1	58.8	1	58.8	0	0.0
1988	0	0.0	0	0.0	0	0.0
1989	0	0.0	0	0.0	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

HARDING COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	7	7	100	26.9	27.4	8.3	7.8
MALIGNANT NEOPLASMS	5	4	125	19.2	21.2	24.8	12.0
ALL ACCIDENTS	4	0	-	15.4	8.6	32.2	20.5
- MOTOR VEHICLE ACCIDENTS	3	0	-	11.5	4.7	32.2	14.1
- ALL OTHER ACCIDENTS	1	0	-	3.8	3.9	0.0	6.4
CEREBROVASCULAR DISEASE	0	0	-	0.0	5.6	0.0	1.3
COPD	2	0	-	7.7	4.9	0.0	1.2
INFLUENZA AND PNEUMONIA	2	0	-	7.7	3.4	5.8	0.8
SUICIDE	1	0	-	3.8	3.0	15.3	7.7
DIABETES	1	0	-	3.8	2.8	14.9	1.3
LIVER DISEASE - CIRRHOSIS	0	0	-	0.0	1.9	0.0	2.5
HOMICIDE	0	0	-	0.0	1.6	0.0	4.5
CERTAIN PERINATAL COND	1	0	-	3.8	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	0	0	-	0.0	1.0	0.0	0.3
CONGENITAL ANOMALIES	0	0	-	0.0	0.9	0.0	0.9
ATHEROSCLEROSIS	0	0	-	0.0	1.0	0.0	0.1
ALCOHOLISM	0	0	-	0.0	0.8	0.0	1.4
SEPTICEMIA	0	0	-	0.0	0.6	0.0	0.2
ALL OTHER CAUSES	3	3	100	11.5	14.2	0.0	9.5
TOTAL FOR ALL CAUSES	26	14	186	100.0	100.0	101.2	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	HARDING	N.M.
ALL	100.0	100.0
< 1	3.8	2.3
1- 4	0.0	0.6
5-14	0.0	0.7
15-24	3.8	3.1
25-34	3.8	4.4
35-44	3.8	4.7
45-54	7.7	6.0
55-64	19.2	12.3
65-74	19.2	21.3
75-84	15.4	25.9
85+	23.1	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

HIDALGO COUNTY

HIDALGO COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	4734	6049	5900	5900
% 19 AND YOUNGER	44.8%	40.7%	34.9%	34.3%
% 65 AND OLDER	8.8%	9.3%	15.6%	17.5%
% WHITE NON-HISPANIC	39.8%	52.0%	XXXXX	XXXXX
% WHITE HISPANIC	58.8%	47.0%	XXXXX	XXXXX
% BLACK	0.4%	0.2%	XXXXX	XXXXX
% INDIAN	0.4%	0.1%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	21.7%	14.7%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	0.5%	0.5%	0.4%	0.3%

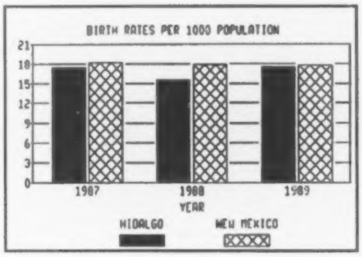
Hidalgo County ranks as the state's 27th most populous county and has a population density of 1.7 persons per square mile accounting for 0.4% of New Mexico's population.

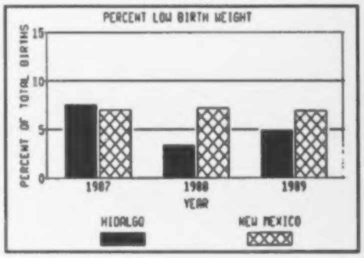
The county population is projected to be 5,900 persons by the year 2000, 2% lower than in 1980.

The county birth rate increased to 17.5 births per 1,000 population, a rate 2% lower than the statewide rate and 12% higher than the 1988 rate, as the county accounts for 0.4% of New Mexico resident births.

The percentages of births to teens and births to single mothers increased and are above state levels. The percent of low birth weight births increased 48% from the previous year.

HIDALGO	YEAR 1987	1988	1989
LIVE BIRTHS	107	92	103
WHITE			
NON-HISPANIC	45	34	23
HISPANIC	60	58	79
BLACK	0	0	0
INDIAN	2	0	1
OTHER	0	0	0
COUNTY % OF TOTAL STATE BIRTHS	0.4%	0.3%	0.4%





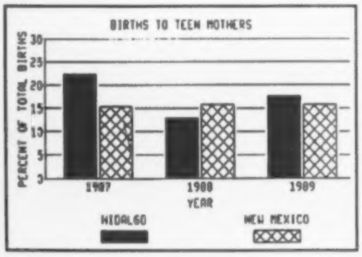
BIRTH DISTRIBUTION

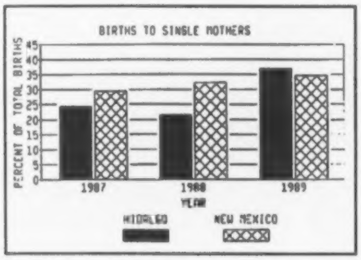
AGE OF MOTHER	HIDALGO NUMBER	%	NEW MEXICO %
ALL AGES	103	100.0%	100.0%
<15	0	-	0.2%
15-17	4	3.9%	5.7%
18-19	14	13.6%	9.7%
(15-19)	18	17.5%	15.5%
20-24	34	33.0%	29.5%
25-29	29	28.2%	29.1%
30-34	18	17.5%	17.7%
35-39	4	3.9%	6.8%
=> 40	0	-	1.2%

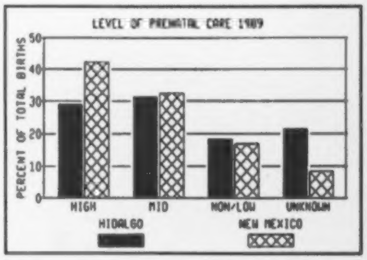
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
HIDALGO:										
1989	79.3	--	77.6	29.6	144.3	134.9	116.9	95.7	22.5	--
1988	69.7	--	46.3	34.0	62.5	96.8	190.0	41.7	19.9	5.5
1987	78.2	--	86.3	59.2	128.4	137.3	162.8	46.2	13.8	2.6
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







HIDALGO COUNTY

The county death rate of 8.3 deaths per 1,000 population accounts for 0.5% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for males but lower for females.

Heart disease, cancer and accidents, are the leading causes of death, accounting for 69% of all deaths. Observed deaths are close to expected for heart disease, but 28% higher than expected for cancer and nine times greater than expected for accidents. Observed deaths are higher than expected for chronic obstructive pulmonary disease (COPD) and stroke among others.

No infant deaths occurred to county residents in 1989.

Over 93% of resident births occur in other counties. Overall, the county experiences 2.1 births for every death.

HIDALGO COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	27	22	49	8.3
1988	21	17	38	6.4
1987	22	17	39	6.4
1986	27	26	53	8.7
COUNTY % OF TOTAL (1989) STATE DEATHS	0.5%	0.5%	0.5%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES 1987 - 89 AVERAGE

HIDALGO CO.	
MALE	928.1
FEMALE	728.9
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

HIDALGO COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Lordsburg-Urban	65	33	2.0
Lordsburg-Rural	7	0	***
Virden-All	0	2	0.0
Other & Unspecified	31	14	2.2
COUNTY TOTAL	103	49	2.1
% OF COUNTY RESIDENT BIRTHS:			
Born in County	----	XXXXX	XXXXX
Born in Other NM County	93.20%	XXXXX	XXXXX
Born Out of State	6.80%	XXXXX	XXXXX

HIDALGO COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	3	22.1	3	22.1	0	0.0
1985	0	0.0	0	0.0	0	0.0
1986	1	9.5	0	0.0	1	9.5
1987	1	9.3	1	9.3	0	0.0
1988	1	10.9	0	0.0	1	10.9
1989	0	0.0	0	0.0	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

HIDALGO COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	46	47	98	36.2	27.4	11.9	7.8
MALIGNANT NEOPLASMS	32	25	128	25.2	21.2	17.8	12.0
ALL ACCIDENTS	9	1	900	7.1	8.6	21.9	20.5
- MOTOR VEHICLE ACCIDENTS	6	1	600	4.7	4.7	17.9	14.1
- ALL OTHER ACCIDENTS	3	0	-	2.4	3.9	4.0	6.4
CEREBROVASCULAR DISEASE	4	2	200	3.1	5.6	2.6	1.3
COPD	3	2	150	2.4	4.9	0.0	1.2
INFLUENZA AND PNEUMONIA	2	2	100	1.6	3.4	0.0	0.8
SUICIDE	2	0	-	1.6	3.0	3.1	7.7
DIABETES	3	0	-	2.4	2.8	1.5	1.3
LIVER DISEASE - CIRRHOSIS	2	0	-	1.6	1.9	2.2	2.5
HOMICIDE	0	0	-	0.0	1.6	0.0	4.5
CERTAIN PERINATAL COND	1	1	100	0.8	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	2	0	-	1.6	1.0	0.0	0.3
CONGENITAL ANOMALIES	1	0	-	0.8	0.9	0.0	0.9
ATHEROSCLEROSIS	1	0	-	0.8	1.0	0.0	0.1
ALCOHOLISM	1	0	-	0.8	0.8	1.6	1.4
SEPTICEMIA	1	0	-	0.8	0.6	0.0	0.2
ALL OTHER CAUSES	17	12	142	13.4	14.2	3.6	9.5
TOTAL FOR ALL CAUSES	127	92	138	100.0	100.0	66.3	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-84.

% OF TOTAL DEATHS 1987-1989

AGE	HIDALGO	N.M.
ALL	100.0	100.0
< 1	1.6	2.3
1- 4	1.6	0.6
5-14	0.8	0.7
15-24	3.1	3.1
25-34	0.8	4.4
35-44	2.4	4.7
45-54	8.7	6.0
55-64	13.4	12.3
65-74	23.6	21.3
75-84	22.0	25.9
85+	22.0	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

LEA COUNTY

LEA COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	49554	55993	56400	58100
% 19 AND YOUNGER	42.6%	37.8%	37.5%	33.2%
% 65 AND OLDER	5.4%	8.0%	9.1%	10.3%
% WHITE NON-HISPANIC	81.2%	73.1%	XXXXX	XXXXX
% WHITE HISPANIC	12.5%	21.2%	XXXXX	XXXXX
% BLACK	5.3%	4.8%	XXXXX	XXXXX
% INDIAN	0.4%	0.5%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	12.5%	9.0%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	4.9%	4.3%	3.7%	3.3%

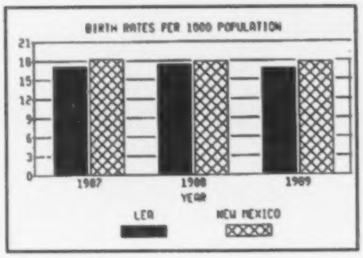
Lea County ranks as the state's 7th most populous county and has a population density of 12.9 persons per square mile accounting for 3.7% of the state's population.

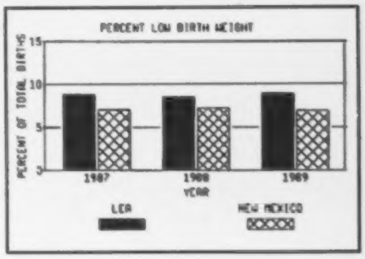
The county population is projected to reach 58,100 persons by the year 2000, accounting for about three percent of the state population and maintaining a high percentage of population ages 19 and younger.

The county birth rate decreased 3% to 16.8 for 1989 and remains 6% below the state level of 17.8 births per 1,000 population, and accounts for 3.5% of resident births in the state.

The percentage of low birth weight births increased and remains above state levels; the percentage of births to teens increased, remaining 38% higher than for the state. The percent of births to single mothers rose 13% over last year's figure but remains 15% below state levels.

LEA	YEAR 1987	1988	1989
LIVE BIRTHS	1032	1013	945
WHITE			
NON-HISPANIC	522	480	440
HISPANIC	443	461	432
BLACK	57	66	59
INDIAN	3	2	5
OTHER	7	4	9
COUNTY % OF TOTAL STATE BIRTHS	3.8%	3.8%	3.5%





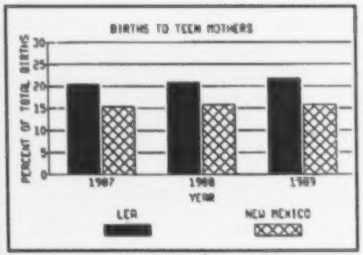
BIRTH DISTRIBUTION

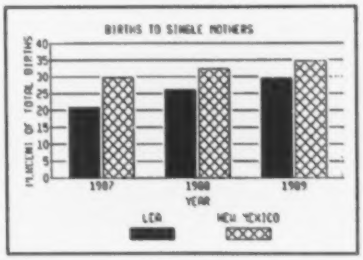
AGE OF MOTHER	LEA NUMBER	%	NEW MEXICO %
ALL AGES	945	100.0%	100.0%
<15	2	0.2%	0.2%
15-17	80	8.5%	5.7%
18-19	122	12.9%	9.7%
(15-19)	202	21.4%	15.5%
20-24	319	33.8%	29.5%
25-29	253	26.8%	29.1%
30-34	130	13.8%	17.7%
35-39	36	3.8%	6.8%
=> 40	3	0.3%	1.2%

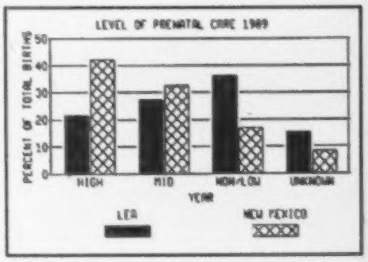
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
LEA:										
1989	73.7	.7	86.5	57.8	128.6	200.4	120.9	49.0	14.9	1.1
1988	81.7	.4	95.1	54.2	158.9	179.5	134.1	61.1	13.3	2.2
1987	82.3	.7	96.0	70.6	138.3	185.4	126.7	53.0	16.2	3.6
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







LEA COUNTY

The county crude death rate increased to 7.0 deaths per 1,000 population,accounting for 3.8% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both males and females.

Heart disease, cancer and stroke are the leading causes of death, accounting for 61% of all deaths. Observed deaths are lower than expected for cancer, but 30% higher than expected for stroke. Observed deaths are notably higher than expected for accidents, chronic obstructive pulmonary disease (COPD), suicide and alcoholism among others.

Infant mortality is lower in the county than statewide.

Nearly 10% of resident births occur in another state. Overall, the county experiences 2.4 births for every death.

LEA COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	213	181	394	7.0
1988	220	183	403	6.9
1987	227	204	431	7.1
1986	206	138	344	5.3
COUNTY % OF TOTAL (1989) STATE DEATHS	3.7%	3.9%	3.8%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

LEA CO.	
MALE	966.7
FEMALE	910.2
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

LEA COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Eunice-Urban	33	11	3.0
Eunice-Rural	6	4	1.5
Hobbs-Urban	586	243	2.4
Hobbs-Rural	81	13	6.2
Jal-Urban	16	20	0.8
Jal-Rural	1	1	1.0
Lovington-Urban	158	71	2.2
Lovington-Rural	21	18	1.2
Tatum-Urban	16	6	2.7
Tatum-Rural	1	1	1.0
Other & Unspecified	26	6	4.3
COUNTY TOTAL	945	394	2.4
% OF COUNTY RESIDENT BIRTHS:			
Born in County	88.68%	XXXXX	XXXXX
Born in Other NM County	1.59%	XXXXX	XXXXX
Born Out of State	9.74%	XXXXX	XXXXX

LEA COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	14	10.2	6	4.4	8	5.8
1985	13	9.5	7	5.1	6	4.4
1986	6	4.9	2	1.6	4	3.3
1987	7	6.8	4	3.9	3	2.9
1988	13	12.8	9	8.9	4	3.9
1989	5	5.3	3	3.2	2	2.1
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

LEA COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	416	392	106	33.6	27.4	13.4	7.8
MALIGNANT NEOPLASMS	242	269	90	19.5	21.2	12.7	12.0
ALL ACCIDENTS	82	51	161	6.6	8.6	16.0	20.5
- MOTOR VEHICLE ACCIDENTS	46	29	159	3.7	4.7	11.2	14.1
- ALL OTHER ACCIDENTS	36	22	164	2.9	3.9	4.8	6.4
CEREBROVASCULAR DISEASE	95	73	130	7.7	5.6	2.2	1.3
COPD	78	44	177	6.3	4.9	2.5	1.2
INFLUENZA AND PNEUMONIA	45	35	129	3.6	3.4	0.9	0.8
SUICIDE	29	15	193	2.3	3.0	5.2	7.7
DIABETES	30	23	130	2.4	2.8	1.6	1.3
LIVER DISEASE - CIRRHOSIS	16	12	133	1.3	1.9	1.5	2.5
HOMICIDE	12	11	109	1.0	1.6	2.9	4.5
CERTAIN PERINATAL COND	7	14	50	0.6	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	9	7	129	0.7	1.0	0.3	0.3
CONGENITAL ANOMALIES	11	7	157	0.9	0.9	0.6	0.9
ATHEROSCLEROSIS	11	9	122	0.9	1.0	0.0	0.1
ALCOHOLISM	4	2	200	0.3	0.8	0.7	1.4
SEPTICEMIA	6	4	150	0.5	0.6	0.3	0.2
ALL OTHER CAUSES	146	154	95	11.8	14.2	5.4	9.5
TOTAL FOR ALL CAUSES	1239	1122	110	100.0	100.0	66.3	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-84.

% OF TOTAL DEATHS 1987-1989

AGE	LEA	N.M.
ALL	100.0	100.0
< 1	2.1	2.3
1- 4	0.6	0.6
5-14	0.2	0.7
15-24	2.5	3.1
25-34	2.9	4.4
35-44	4.5	4.7
45-54	6.6	6.0
55-64	14.7	12.3
65-74	23.2	21.3
75-84	26.5	25.9
85+	16.1	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

LINCOLN COUNTY

LINCOLN COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	7560	10997	13300	14200
% 19 AND YOUNGER	36.5%	31.2%	29.7%	30.6%
% 65 AND OLDER	11.6%	12.2%	13.3%	14.3%
% WHITE NON-HISPANIC	63.5%	72.0%	XXXXX	XXXXX
% WHITE HISPANIC	34.0%	26.5%	XXXXX	XXXXX
% BLACK	0.5%	0.5%	XXXXX	XXXXX
% INDIAN	1.1%	0.6%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	20.7%	13.2%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	0.7%	0.8%	0.9%	0.8%

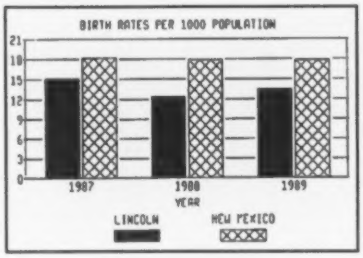
Lincoln County ranks as the state's 23rd most populous county and has a population density of 2.8 persons per square mile. Nine-tenths of one percent of the state's population resides in Lincoln County.

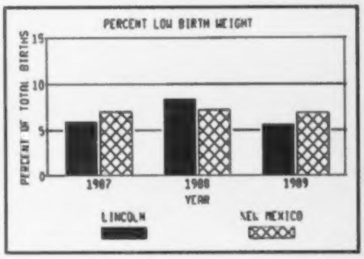
The county population is projected to reach 14,200 persons by the year 2000, and will account for 0.8% of the state population.

The county birth rate, increased in 1989 to 13.5 births per 1,000 population - 24% below the state level and accounting for 0.7% of New Mexico births.

A decrease in the percent of low birth weight births in 1989 brought the county percentage 19% below the state level. The percentage of births to single mothers remains below state levels. Births to teens increased 43% over last year's figure.

LINCOLN	YEAR 1987	1988	1989
LIVE BIRTHS	205	166	180
WHITE			
NON-HISPANIC	113	87	93
HISPANIC	83	63	78
BLACK	2	2	0
INDIAN	7	13	6
OTHER	0	1	3
COUNTY % OF TOTAL STATE BIRTHS	0.8%	0.6%	0.7%



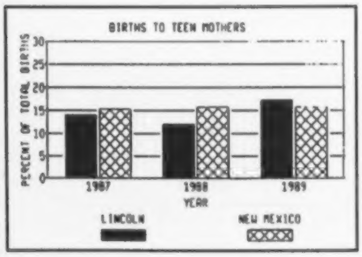


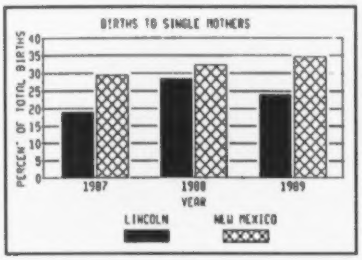
BIRTH DISTRIBUTION

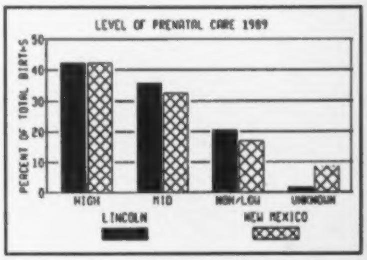
AGE OF MOTHER	LINCOLN NUMBER	%	NEW MEXICO %
ALL AGES	180	100.0%	100.0%
<15	0	-	0.2%
15-17	11	6.1%	5.7%
18-19	20	11.1%	9.7%
(15-19)	31	17.2%	15.5%
20-24	48	26.7%	29.5%
25-29	64	35.6%	29.1%
30-34	24	13.3%	17.7%
35-39	10	5.6%	6.8%
=> 40	3	1.7%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
LINCOLN:										
1989	62.4	--	68.7	44.0	99.5	114.3	146.8	50.2	17.1	3.2
1988	55.9	--	41.8	16.9	81.5	132.7	104.0	50.2	27.8	4.3
1987	70.4	--	64.4	46.4	94.1	142.2	122.2	81.2	24.4	2.3
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







LINCOLN COUNTY

LINCOLN COUNTY DEATHS YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	49	45	94	7.1
1988	53	43	96	7.2
1987	49	42	91	6.7
1986	48	43	91	6.7
COUNTY % OF TOTAL (1989) STATE DEATHS	0.8%	1.0%	0.9%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES 1987 - 89 AVERAGE	
LINCOLN CO.	
MALE	737.4
FEMALE	695.4
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

The county crude death rate of 7.1 deaths per 1,000 population accounts for 0.9% of all New Mexico resident deaths. Adjusted rates show lower than state levels of mortality for both males and females.

Heart disease, cancer and accidents are the leading causes of death, accounting for 59% of all deaths. Observed deaths are lower than expected for heart disease and cancer, but over two times higher than expected for accidents. Observed deaths are higher than expected for suicide, homicide and atherosclerosis among others.

Infant mortality is higher than statewide in 1989.

Nearly 17% of resident births occur in other counties. Overall, the county experiences 1.9 births for every death.

LINCOLN COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Capitan-All	18	7	2.6
Carrizozo-Urban	13	14	0.9
Carrizozo-Rural	8	2	4.0
Ruidoso-Urban	75	34	2.2
Ruidoso-Rural	7	4	1.8
Ruidoso Downs-All	32	8	4.0
Fort Stanton-All	0	1	0.0
Corona-All	7	7	1.0
Other & Unspecified	20	17	1.2
COUNTY TOTAL	180	94	1.9
% OF COUNTY RESIDENT BIRTHS:			
Born in County	82.22%	XXXXX	XXXXX
Born in Other NM County	16.67%	XXXXX	XXXXX
Born Out of State	1.11%	XXXXX	XXXXX

LINCOLN COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	2	8.1	0	0.0	2	8.1
1985	0	0.0	0	0.0	0	0.0
1986	3	12.3	2	8.2	1	4.1
1987	2	9.8	1	4.9	1	4.9
1988	0	0.0	0	0.0	0	0.0
1989	2	11.1	1	5.6	1	5.6
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

LINCOLN COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	79	119	66	28.1	27.4	9.5	7.8
MALIGNANT NEOPLASMS	60	82	73	21.4	21.2	11.3	12.0
ALL ACCIDENTS	26	9	289	9.3	8.6	20.7	20.5
- MOTOR VEHICLE ACCIDENTS	15	4	375	5.3	4.7	15.2	14.1
- ALL OTHER ACCIDENTS	11	5	220	3.9	3.9	5.6	6.4
CEREBROVASCULAR DISEASE	14	19	74	5.0	5.6	0.6	1.3
COPD	10	12	83	3.6	4.9	1.1	1.2
INFLUENZA AND PNEUMONIA	7	8	88	2.5	3.4	0.6	0.8
SUICIDE	10	4	250	3.6	3.0	8.9	7.7
DIABETES	3	3	100	1.1	2.8	0.0	1.3
LIVER DISEASE - CIRRHOSIS	3	2	150	1.1	1.9	1.0	2.5
HOMICIDE	5	1	500	1.8	1.6	4.3	4.5
CERTAIN PERINATAL COND	2	3	67	0.7	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	2	1	200	0.7	1.0	0.0	0.3
CONGENITAL ANOMALIES	2	0	-	0.7	0.9	2.5	0.9
ATHEROSCLEROSIS	12	3	400	4.3	1.0	1.5	0.1
ALCOHOLISM	4	0	-	1.4	0.8	2.2	1.4
SEPTICEMIA	3	2	150	1.1	0.6	0.0	0.2
ALL OTHER CAUSES	39	41	95	13.9	14.2	9.3	9.5
TOTAL FOR ALL CAUSES	281	309	91	100.0	100.0	73.5	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	LINCOLN	N.M.
ALL	100.0	100.0
< 1	1.4	2.3
1- 4	0.0	0.6
5-14	0.7	0.7
15-24	2.8	3.1
25-34	2.8	4.4
35-44	5.0	4.7
45-54	9.3	6.0
55-64	13.5	12.3
65-74	23.8	21.3
75-84	23.8	25.9
85+	16.7	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

LOS ALAMOS COUNTY

LOS ALAMOS COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	15198	17599	19500	21500
% 19 AND YOUNGER	44.2%	34.0%	26.3%	24.0%
% 65 AND OLDER	2.1%	4.1%	8.2%	15.0%
% WHITE NON-HISPANIC	80.9%	86.1%	XXXXX	XXXXX
% WHITE HISPANIC	17.8%	11.4%	XXXXX	XXXXX
% BLACK	0.4%	0.4%	XXXXX	XXXXX
% INDIAN	0.5%	0.5%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	2.1%	3.5%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	1.5%	1.4%	1.3%	1.2%

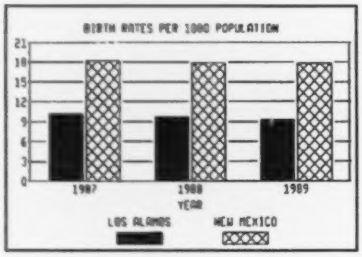
Los Alamos County ranks as the state's 18th most populous county and has a population density of 178.9 persons per square mile, accounting for 1.3% of the state's total population.

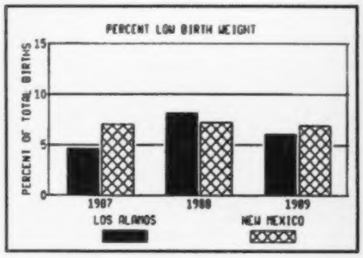
The county population is projected to reach 21,500 persons by the year 2000 with the percentage of population 65 and older almost quadrupling from 1980.

The county birth rate in 1989 is a little more than half of the state rate. The county rate of 9.3 births per 1,000 population accounts for 0.7% of all New Mexico resident births.

Levels of births to teen mothers and births to single mothers are well below state levels. The percentage low birth weight decreased 26% from the 1988 level and is 13% below state levels.

LOS ALAMOS	YEAR 1987	1988	1989
LIVE BIRTHS	195	185	182
WHITE			
NON-HISPANIC	153	146	144
HISPANIC	32	26	29
BLACK	2	2	0
INDIAN	2	3	2
OTHER	6	8	7
COUNTY % OF TOTAL STATE BIRTHS	0.7%	0.7%	0.7%





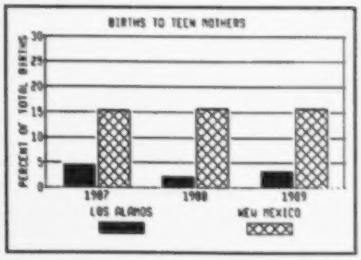
BIRTH DISTRIBUTION

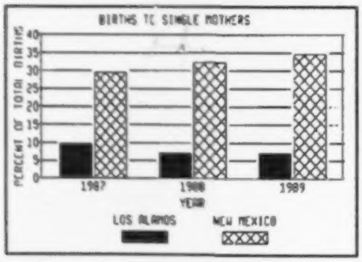
AGE OF MOTHER	LOS ALAMOS NUMBER	LOS ALAMOS %	NEW MEXICO %
ALL AGES	182	100.0%	100.0%
<15	0	-	0.2%
15-17	4	2.2%	5.7%
18-19	2	1.1%	9.7%
(15-19)	6	3.3%	15.5%
20-24	25	13.7%	29.5%
25-29	59	32.4%	29.1%
30-34	61	33.5%	17.7%
35-39	29	15.9%	6.8%
=> 40	2	1.1%	1.2%

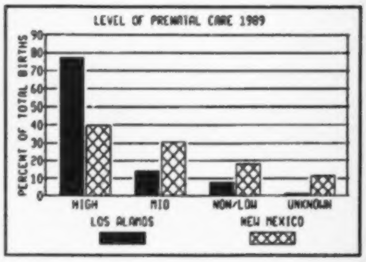
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
LOS ALAMOS:										
1989	44.4	--	9.6	11.8	6.9	39.4	85.4	98.1	40.2	1.2
1988	45.3	--	5.2	2.3	9.0	35.6	105.7	118.0	40.7	2.6
1987	47.2	--	11.4	4.1	23.0	39.6	135.2	112.2	31.1	3.1
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







LOS ALAMOS COUNTY

The county crude death rate decreased to 3.7 deaths per 1,000 population, accounting for 0.7% of all New Mexico resident deaths. Adjusted rates show lower than state levels of mortality for males and females.

Cancer, heart disease and accidents are the leading causes of death, accounting for 55% of all deaths. Observed deaths are lower than expected levels for heart disease and cancer, but higher than the expected level for accidents. Observed deaths are higher than expected for chronic obstructive pulmonary disease (COPD), influenza and pneumonia and suicide among others.

Neonatal mortality exceeded state levels in 1989.

Nearly 81% of resident births occur within the county. Overall, the county experiences 2.5 births for every death.

LOS ALAMOS COUNTY DEATHS

			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	39	34	73	3.7
1988	44	39	83	4.3
1987	47	48	95	4.9
1986	25	35	60	3.2
COUNTY % OF TOTAL (1989) STATE DEATHS	0.7%	0.7%	0.7%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

LOS ALAMOS CO.	
MALE	541.6
FEMALE	741.7
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

LOS ALAMOS COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Los Alamos-Urban	173	65	2.7
Los Alamos-Rural	3	5	0.6
White Rock-All	5	3	1.7
Other & Unspecified	1	0	...
COUNTY TOTAL	182	73	2.5
% OF COUNTY RESIDENT BIRTHS:			
Born in County	80.77%	XXXXX	XXXXX
Born in Other NM County	19.23%	XXXXX	XXXXX
Born Out of State	----	XXXXX	XXXXX

LOS ALAMOS COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	1	5.0	0	0.0	1	5.0
1985	4	19.6	1	4.9	3	14.7
1986	2	8.8	2	8.8	0	0.0
1987	3	15.4	3	15.4	0	0.0
1988	3	16.2	3	16.2	0	0.0
1989	1	5.5	1	5.5	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

LOS ALAMOS COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	48	133	36	19.1	27.4	4.0	7.8
MALIGNANT NEOPLASMS	67	105	64	26.7	21.2	11.9	12.0
ALL ACCIDENTS	23	10	230	9.2	8.6	14.0	20.5
- MOTOR VEHICLE ACCIDENTS	13	6	217	5.2	4.7	12.4	14.1
- ALL OTHER ACCIDENTS	10	4	250	4.0	3.9	1.6	6.4
CEREBROVASCULAR DISEASE	17	20	85	6.8	5.6	0.7	1.3
COPD	13	10	130	5.2	4.9	0.8	1.2
INFLUENZA AND PNEUMONIA	7	5	140	2.8	3.4	0.4	0.8
SUICIDE	9	5	180	3.6	3.0	4.6	7.7
DIABETES	3	2	150	1.2	2.8	0.0	1.3
LIVER DISEASE - CIRRHOSIS	3	0	-	1.2	1.9	1.3	2.5
HOMICIDE	1	1	100	0.4	1.6	0.7	4.5
CERTAIN PERINATAL COND	4	2	200	1.6	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	2	0	-	0.8	1.0	1.3	0.3
CONGENITAL ANOMALIES	3	1	300	1.2	0.9	0.0	0.9
ATHEROSCLEROSIS	4	1	400	1.6	1.0	0.0	0.1
ALCOHOLISM	1	0	-	0.4	0.8	0.7	1.4
SEPTICEMIA	3	1	300	1.2	0.6	0.0	0.2
ALL OTHER CAUSES	43	44	98	17.1	14.2	5.8	9.5
TOTAL FOR ALL CAUSES	251	340	74	100.0	100.0	46.2	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	LOS ALAMOS	N.M.
ALL	100.0	100.0
< 1	2.8	2.3
1- 4	0.4	0.6
5-14	2.4	0.7
15-24	2.8	3.1
25-34	1.6	4.4
35-44	4.0	4.7
45-54	10.0	6.0
55-64	15.1	12.3
65-74	19.1	21.3
75-84	20.7	25.9
85+	21.1	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

LUNA COUNTY

LUNA COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	11706	15585	18400	20900
% 19 AND YOUNGER	43.0%	34.0%	28.8%	28.4%
% 65 AND OLDER	10.2%	16.8%	21.9%	22.6%
% WHITE NON-HISPANIC	50.9%	58.3%	XXXXX	XXXXX
% WHITE HISPANIC	46.5%	39.2%	XXXXX	XXXXX
% BLACK	2.0%	1.6%	XXXXX	XXXXX
% INDIAN	0.1%	0.5%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	20.5%	19.2%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	1.2%	1.2%	1.2%	1.2%

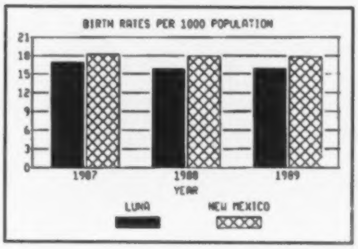
Luna County ranks as the state's 19th most populous county and has a population density of 6.2 persons per square mile, accounting for 1.2% of the state's population.

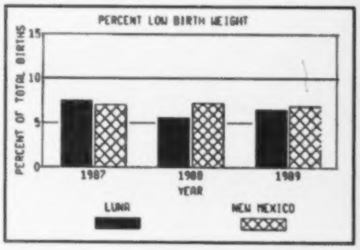
The county population is projected to reach 20,900 persons by the year 2000, continuing to account for 1.2 percent of New Mexico's population with a relatively high percentage of persons 65 and older.

The county birth rate increased to 15.9 births per 1,000 population - a rate 11% below the state rate and accounting for 1.1% of the state's resident births.

The percent of births to teen mothers remains higher in the county than statewide. The percentages of low birth weight births and births to single mothers increased over last year's figures.

LUNA	YEAR		
	1987	1988	1989
LIVE BIRTHS	306	286	292
WHITE			
NON-HISPANIC	89	74	58
HISPANIC	208	206	225
BLACK	8	6	5
INDIAN	1	0	1
OTHER	0	0	3
COUNTY % OF TOTAL STATE BIRTHS	1.1%	1.1%	1.1%



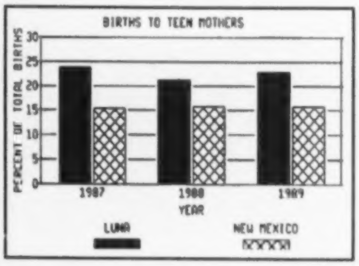


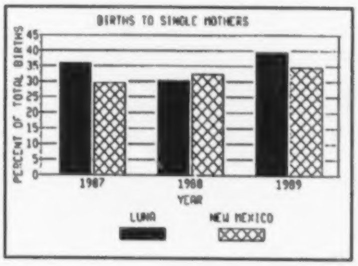
BIRTH DISTRIBUTION

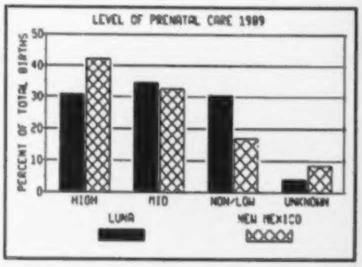
AGE OF MOTHER	LUNA NUMBER	LUNA %	NEW MEXICO %
ALL AGES	292	100.0%	100.0%
<15	4	1.4%	0.2%
15-17	30	10.3%	5.7%
18-19	33	11.3%	9.7%
(15-19)	63	21.6%	15.5%
20-24	100	34.2%	29.5%
25-29	77	26.4%	29.1%
30-34	34	11.6%	17.7%
35-39	11	3.8%	6.8%
=> 40	3	1.0%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP								
			15-19							
		10-14	TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
LUNA:										
1989	91.5	6.3	100.6	81.7	127.4	172.1	144.5	72.2	22.9	3.2
1988	92.3	1.5	104.3	46.0	193.8	160.0	154.5	90.0	27.2	3.2
1987	97.4	2.9	114.9	83.6	161.9	168.7	155.0	80.6	31.0	6.8
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







LUNA COUNTY

LUNA COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	118	95	213	11.6
1988	126	78	204	11.3
1987	134	91	225	12.4
1986	120	104	224	12.6
COUNTY % OF TOTAL (1989) STATE DEATHS	2.0%	2.0%	2.0%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

LUNA CO.	
MALE	894.5
FEMALE	715.4
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

The county crude death rate of 11.6 deaths per 1,000 population accounts for 2.0% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for males but lower for females.

Heart disease, cancer and accidents are the leading causes of death, accounting for 65% of all deaths. Observed deaths are lower than expected for heart disease and cancer but higher the expected for accidents. Observed deaths are higher than expected for diabetes, cirrhosis, suicide, homicide, septicemia, and nephritis, nephrotic syndrome and nephrosis.

Postneonatal mortality is higher than statewide.

25% of resident births occur in other counties. Overall, the county experiences 1.4 births for every death.

LUNA COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Deming-Urban	168	140	1.2
Deming-Rural	97	60	1.6
Columbus-All	24	11	2.2
Other & Unspecified	3	2	1.5
COUNTY TOTAL	292	213	1.4
% OF COUNTY RESIDENT BIRTHS:			
Born in County	72.60%	XXXXX	XXXXX
Born in Other NM County	25.00%	XXXXX	XXXXX
Born Out of State	2.40%	XXXXX	XXXXX

LUNA COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	0	0.0	0	0.0	0	0.0
1985	2	6.6	2	6.6	0	0.0
1986	1	3.7	1	3.7	0	0.0
1987	4	13.1	2	6.5	2	6.5
1988	0	0.0	0	0.0	0	0.0
1989	2	6.8	1	3.4	1	3.4
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

LUNA COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	230	273	84	35.5	27.4	12.1	7.8
MALIGNANT NEOPLASMS	142	171	83	21.9	21.2	18.5	12.0
ALL ACCIDENTS	48	17	282	7.4	8.6	28.6	20.5
- MOTOR VEHICLE ACCIDENTS	33	9	367	5.1	4.7	24.9	14.1
- ALL OTHER ACCIDENTS	15	8	188	2.3	3.9	3.7	6.4
CEREBROVASCULAR DISEASE	43	50	86	6.6	5.6	2.2	1.3
COPD	28	28	100	4.3	4.9	1.1	1.2
INFLUENZA AND PNEUMONIA	18	27	67	2.8	3.4	3.8	0.8
SUICIDE	16	6	267	2.5	3.0	8.5	7.7
DIABETES	15	11	136	2.3	2.8	3.2	1.3
LIVER DISEASE - CIRRHOSIS	12	6	200	1.9	1.9	3.5	2.5
HOMICIDE	3	2	150	0.5	1.6	2.1	4.5
CERTAIN PERINATAL COND	3	4	75	0.5	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	9	6	150	1.4	1.0	1.3	0.3
CONGENITAL ANOMALIES	1	1	100	0.2	0.9	0.0	0.9
ATHEROSCLEROSIS	6	6	100	0.9	1.0	0.0	0.1
ALCOHOLISM	2	0	-	0.3	0.8	0.3	1.4
SEPTICEMIA	3	2	150	0.5	0.6	0.7	0.2
ALL OTHER CAUSES	68	93	73	10.5	14.2	9.9	9.5
TOTAL FOR ALL CAUSES	647	703	92	100.0	100.0	95.7	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-84.

% OF TOTAL DEATHS 1987-1989

AGE	LUNA	N.M.
ALL	100.0	100.0
< 1	0.9	2.3
1- 4	0.5	0.6
5-14	0.5	0.7
15-24	1.9	3.1
25-34	1.4	4.4
35-44	3.1	4.7
45-54	4.5	6.0
55-64	13.4	12.3
65-74	26.1	21.3
75-84	30.9	25.9
85+	16.8	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

MCKINLEY COUNTY

MCKINLEY COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	43208	56449	67600	80000
% 19 AND YOUNGER	51.8%	46.1%	42.4%	39.6%
% 65 AND OLDER	4.4%	4.9%	5.2%	6.1%
% WHITE NON-HISPANIC	17.0%	20.3%	XXXXX	XXXXX
% WHITE HISPANIC	20.0%	12.5%	XXXXX	XXXXX
% BLACK	0.9%	0.6%	XXXXX	XXXXX
% INDIAN	61.3%	65.7%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	33.7%	33.3%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	4.3%	4.3%	4.4%	4.6%

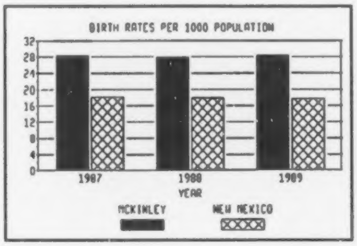
McKinley County ranks as the state's fifth most populous county and has a population density of 12.4 persons per square mile, accounting for 4.4% of the state's population.

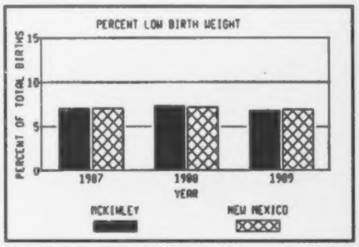
The county population is projected to reach 80,000 persons by the year 2000, with a relatively small percentage of the population being age 65 and older and a high percentage 19 and younger.

The county's birth rate of 28.3 births per 1,000 population is 59% higher than the state rate and accounts for 7.0% of New Mexico resident births.

The percentage of births to single mothers is increasing and is nearly twice the state level. The percentage of births to teens and the percentage of low birth weight births are lower than statewide.

MCKINLEY	YEAR 1987	1988	1989
LIVE BIRTHS	1802	1852	1916
WHITE			
NON-HISPANIC	132	132	128
HISPANIC	146	149	168
BLACK	12	16	11
INDIAN	1505	1551	1605
OTHER	7	4	4
COUNTY % OF TOTAL STATE BIRTHS	6.6%	6.9%	7.0%





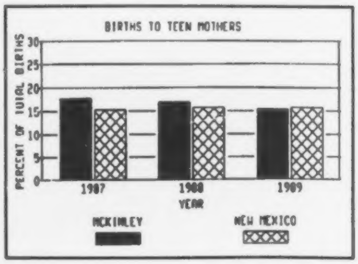
BIRTH DISTRIBUTION

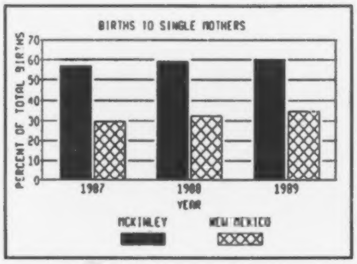
AGE OF MOTHER	MCKINLEY NUMBER	MCKINLEY %	NEW MEXICO %
ALL AGES	1916	100.0%	100.0%
<15	3	0.2%	0.2%
15-17	114	5.9%	5.7%
18-19	179	9.3%	9.7%
(15-19)	293	15.3%	15.5%
20-24	589	30.7%	29.5%
25-29	529	27.6%	29.1%
30-34	337	17.6%	17.7%
35-39	135	7.0%	6.8%
=> 40	30	1.6%	1.2%

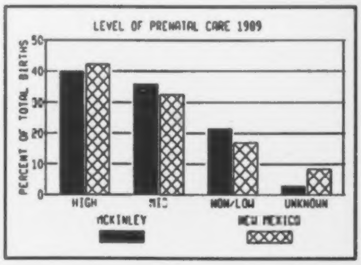
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-19 15-17	15-19 18-19	20-24	25-29	30-34	35-39	40-49
MCKINLEY:										
1989	117.6	.9	94.0	60.9	144.0	211.1	170.8	115.9	55.1	8.5
1988	116.3	1.9	105.5	65.0	167.0	191.4	158.8	117.5	60.6	7.2
1987	116.7	2.2	105.3	61.1	172.9	180.9	167.5	111.8	63.2	7.7
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







MCKINLEY COUNTY

The county crude death rate decreased to 5.4 deaths per 1,000 population, accounting for 3.5% of all New Mexico resident deaths. Adjusted rates show notably higher than state levels of mortality for males and females.

Accidents, heart disease and cancer are the leading causes of death, accounting for 54% of all deaths. Observed deaths are lower than expected for cancer and heart disease, but over three times higher than expected for accidents. Observed deaths are higher than expected for diabetes, suicide, influenza/pneumonia, cirrhosis, homicide and alcoholism, among others.

Infant mortality is higher than statewide.

Over 88% of resident births occur within the county. Overall, the county experiences 5.2 births for every death.

MCKINLEY COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	214	151	365	5.4
1988	248	139	387	5.8
1987	245	159	404	6.3
1986	210	132	342	5.2
COUNTY % OF TOTAL (1989) STATE DEATHS	3.7%	3.2%	3.5%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES 1987 - 89 AVERAGE	
MCKINLEY CO.	
MALE	1043.8
FEMALE	827.4
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

MCKINLEY COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Crownpoint-All	116	33	3.5
Gallup-Urban	462	106	4.4
Gallup-Rural	51	13	3.9
Rehoboth-All	22	4	5.5
Zuni-All	184	55	3.3
Thoreau-All	48	14	3.4
Tohatchi-All	52	16	3.3
Other & Unspecified	981	124	7.9
COUNTY TOTAL	1916	365	5.2
% OF COUNTY RESIDENT BIRTHS:			
Born in County	88.52%	XXXXX	XXXXX
Born in Other NM County	4.02%	XXXXX	XXXXX
Born Out of State	7.46%	XXXXX	XXXXX

MCKINLEY COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	17	10.2	7	4.2	10	6.0
1985	19	11.0	8	4.7	11	6.4
1986	19	11.0	5	2.9	14	8.1
1987	19	10.5	14	7.8	5	2.8
1988	22	11.9	13	7.0	9	4.9
1989	24	12.5	12	6.3	12	6.3
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

MCKINLEY COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	212	310	68	18.3	27.4	8.3	7.8
MALIGNANT NEOPLASMS	173	215	80	14.9	21.2	9.1	12.0
ALL ACCIDENTS	237	69	343	20.5	8.6	43.9	20.5
- MOTOR VEHICLE ACCIDENTS	131	39	336	11.3	4.7	28.3	14.1
- ALL OTHER ACCIDENTS	106	30	353	9.2	3.9	15.7	6.4
CEREBROVASCULAR DISEASE	45	58	78	3.9	5.6	1.4	1.3
COPD	15	30	50	1.3	4.9	0.6	1.2
INFLUENZA AND PNEUMONIA	39	27	144	3.4	3.4	1.2	0.8
SUICIDE	39	18	217	3.4	3.0	8.6	7.7
DIABETES	39	17	229	3.4	2.8	2.3	1.3
LIVER DISEASE - CIRRHOSIS	44	11	400	3.8	1.9	6.3	2.5
HOMICIDE	21	13	162	1.8	1.6	4.0	4.5
CERTAIN PERINATAL COND	23	25	92	2.0	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	13	7	186	1.1	1.0	0.8	0.3
CONGENITAL ANOMALIES	24	13	185	2.1	0.9	1.4	0.9
ATHEROSCLEROSIS	1	2	50	0.1	1.0	0.0	0.1
ALCOHOLISM	44	2	2200	3.8	0.8	6.7	1.4
SEPTICEMIA	13	6	217	1.1	0.6	0.3	0.2
ALL OTHER CAUSES	176	137	128	15.2	14.2	11.5	9.5
TOTAL FOR ALL CAUSES	1158	960	121	100.0	100.0	106.5	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989		
AGE	MCKINLEY	N.M.
ALL	100.0	100.0
< 1	5.6	2.3
1- 4	1.5	0.6
5-14	1.4	0.7
15-24	7.9	3.1
25-34	8.0	4.4
35-44	9.5	4.7
45-54	8.9	6.0
55-64	12.8	12.3
65-74	16.1	21.3
75-84	15.0	25.9
85+	13.3	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

MORA COUNTY

Mora County ranks as the state's 29th most populous county and has population density of 2.2 persons per square mile, accounting for 0.3% of the state's population.

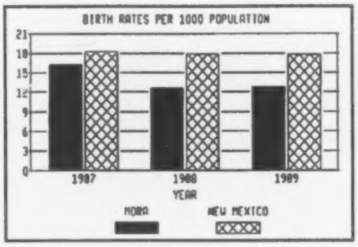
The county population is projected to be 4,200 persons by the year 2000 with an increasing percentage of persons 65 and older. Over three-quarters of the county's population is Hispanic.

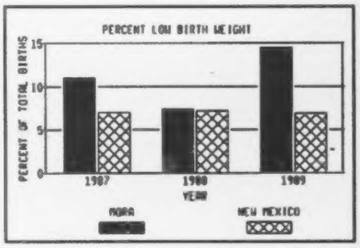
The county's birth rate has been below state levels and is presently 28% below the state rate with a rate of 12.8 births per 1000 population accounting for 0.2% of New Mexico resident births.

The percentage of births to teen mothers and births to single mothers decreased for 1989. The percentage of low birth weight births increased dramatically for 1989, 7.4 to 14.5, a 96% increase and 110% above state figure.

MORA COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	4673	4205	4300	4200
% 19 AND YOUNGER	47.0%	37.4%	31.7%	33.0%
% 65 AND OLDER	11.9%	14.8%	17.0%	17.8%
% WHITE NON-HISPANIC	5.1%	12.9%	XXXXX	XXXXX
% WHITE HISPANIC	94.6%	86.4%	XXXXX	XXXXX
% BLACK	0.0%	0.0%	XXXXX	XXXXX
% INDIAN	0.0%	0.2%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	57.3%	36.9%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	0.5%	0.3%	0.3%	0.2%

MORA	YEAR		
	1987	1988	1989
LIVE BIRTHS	73	54	55
WHITE			
NON-HISPANIC	5	1	2
HISPANIC	68	53	52
BLACK	0	0	0
INDIAN	0	0	0
OTHER	0	0	1
COUNTY % OF TOTAL STATE BIRTHS	0.3%	0.2%	0.2%





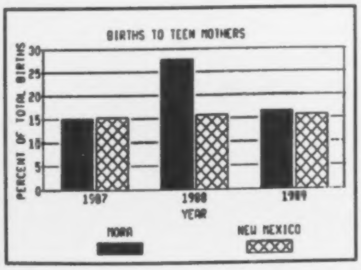
BIRTH DISTRIBUTION

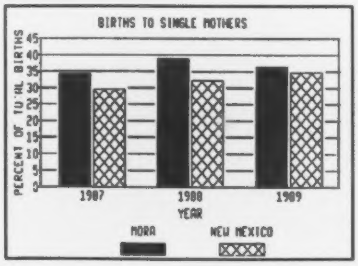
AGE OF MOTHER	MORA NUMBER	MORA %	NEW MEXICO %
ALL AGES	55	100.0%	100.0%
<15	0	·	0.2%
15-17	4	7.3%	5.7%
18-19	5	9.1%	9.7%
(15-19)	9	16.4%	15.5%
20-24	13	23.6%	29.5%
25-29	21	38.2%	29.1%
30-34	8	14.5%	17.7%
35-39	4	7.3%	6.8%
=> 40	0	·	1.2%

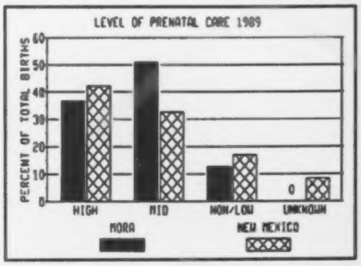
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-19 15-17	15-19 18-19	20-24	25-29	30-34	35-39	40-49
MORA:										
1989	62.4	--	57.3	44.0	75.8	72.6	108.2	63.5	30.5	--
1988	65.9	13.8	89.0	45.5	155.2	105.6	84.0	58.3	28.2	10.5
1987	84.4	6.4	62.5	41.2	95.2	137.1	156.0	78.6	35.7	--
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







MORA COUNTY

MORA COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	22	11	33	7.7
1988	26	21	47	10.9
1987	25	15	40	8.9
1986	26	19	45	9.8
COUNTY % OF TOTAL (1989) STATE DEATHS	0.4%	0.2%	0.3%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

MORA CO.	
MALE	793.2
FEMALE	711.4
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

The county crude death rate of 7.7 deaths per 1,000 population accounts for 0.3% of all New Mexico resident deaths. Adjusted rates show lower than state levels of mortality for males and females.

Heart disease, cancer and accidents are the leading causes of deaths, accounting for 59% of all deaths. Observed deaths are lower than expected for heart disease and cancer, but much higher than expected for accidents.

Due to relatively small number of births, infant mortality rates fluctuate radically.

100% of resident births occur in other counties. Overall, the county experiences 1.7 births for every death.

MORA COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Wagon Mound-All	3	9	0.3
Mora-All	23	5	4.6
Cleveland-All	8	3	2.7
Other & Unspecified	21	16	1.3
COUNTY TOTAL	55	33	1.7
% OF COUNTY RESIDENT BIRTHS:			
Born in County	----	XXXXX	XXXXX
Born in Other NM County	100.00%	XXXXX	XXXXX
Born Out of State	----	XXXXX	XXXXX

MORA COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	1	13.2	0	0.0	1	13.2
1985	4	55.6	3	41.7	1	13.9
1986	3	46.9	0	0.0	3	46.9
1987	0	0.0	0	0.0	0	0.0
1988	1	18.5	1	18.5	0	0.0
1989	0	0.0	0	0.0	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

MORA COUNTY — THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	38	46	83	31.7	27.4	7.6	7.8
MALIGNANT NEOPLASMS	22	28	79	18.3	21.2	10.8	12.0
ALL ACCIDENTS	11	1	1100	9.2	8.6	17.7	20.5
- MOTOR VEHICLE ACCIDENTS	5	1	500	4.2	4.7	12.0	14.1
- ALL OTHER ACCIDENTS	6	0	-	5.0	3.9	5.7	6.4
CEREBROVASCULAR DISEASE	8	6	133	6.7	5.6	0.0	1.3
COPD	5	3	167	4.2	4.9	0.0	1.2
INFLUENZA AND PNEUMONIA	6	3	200	5.0	3.4	1.7	0.8
SUICIDE	2	0	-	1.7	3.0	10.9	7.7
DIABETES	6	0	-	5.0	2.8	2.1	1.3
LIVER DISEASE - CIRRHOSIS	3	0	-	2.5	1.9	3.3	2.5
HOMICIDE	1	0	-	0.8	1.6	5.0	4.5
CERTAIN PERINATAL COND	1	0	-	0.8	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	1	0	-	0.8	1.0	0.0	0.3
CONGENITAL ANOMALIES	0	0	-	0.0	0.9	0.0	0.9
ATHEROSCLEROSIS	0	0	-	0.0	1.0	0.0	0.1
ALCOHOLISM	2	0	-	1.7	0.8	2.0	1.4
SEPTICEMIA	2	0	-	1.7	0.6	0.0	0.2
ALL OTHER CAUSES	12	13	92	10.0	14.2	13.3	9.5
TOTAL FOR ALL CAUSES	120	100	120	100.0	100.0	74.3	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	MORA	N.M.
ALL	100.0	100.0
< 1	0.8	2.3
1- 4	0.0	0.6
5-14	0.0	0.7
15-24	4.2	3.1
25-34	1.7	4.4
35-44	4.2	4.7
45-54	4.2	6.0
55-64	10.0	12.3
65-74	14.2	21.3
75-84	33.3	25.9
85+	27.5	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

OTERO COUNTY

OTERO COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	41097	44665	51200	59300
% 19 AND YOUNGER	44.9%	37.3%	33.9%	34.2%
% 65 AND OLDER	4.1%	6.6%	8.1%	9.4%
% WHITE NON-HISPANIC	67.0%	67.0%	XXXXX	XXXXX
% WHITE HISPANIC	23.7%	21.3%	XXXXX	XXXXX
% BLACK	4.5%	4.8%	XXXXX	XXXXX
% INDIAN	3.9%	4.8%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	12.3%	11.6%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	4.0%	3.4%	3.3%	3.4%

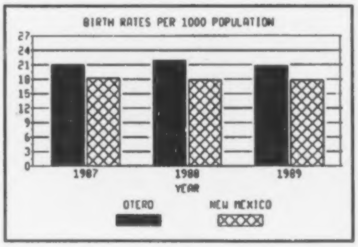
Otero County ranks as the state's 9th most populous county and has a population density of 7.7 persons per square mile, accounting for 3.3% of the state's population.

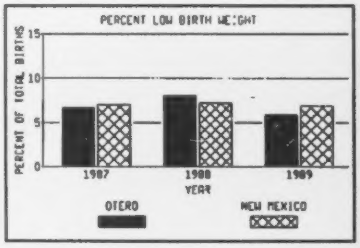
The county population is projected to reach 59,300 persons by the year 2000, with a 42% increase in the percentage of persons 65 and older as compared to 1980.

The county birth rate remains 17% higher than the state rate. At a rate of 20.8 births per 1,000 population, the county accounts for 3.9% of all New Mexico resident births.

The percentage of low birth weight birth decreased 26% below the 1988 rate. Births to teen mothers and births to single mothers remain below statewide levels.

OTERO	YEAR 1987	1988	1989
LIVE BIRTHS	1096	1115	1063
WHITE			
NON-HISPANIC	630	603	594
HISPANIC	242	293	256
BLACK	88	88	81
INDIAN	85	102	96
OTHER	51	29	36
COUNTY % OF TOTAL STATE BIRTHS	4.0%	4.1%	3.9%



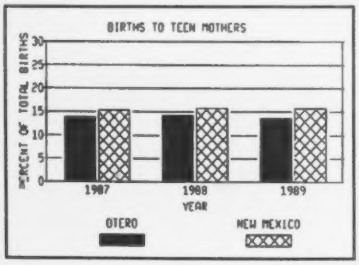


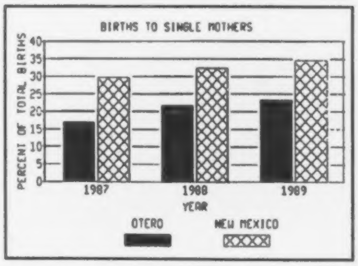
BIRTH DISTRIBUTION

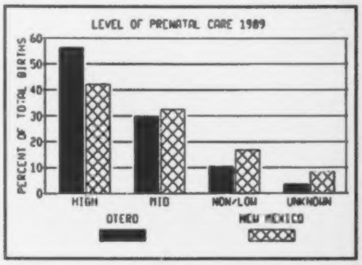
AGE OF MOTHER	OTERO NUMBER	OTERO %	NEW MEXICO %
ALL AGES	1063	100.0%	100.0%
<15	1	0.1%	0.2%
15-17	49	4.6%	5.7%
18-19	96	9.0%	9.7%
(15-19)	145	13.6%	15.5%
20-24	397	37.3%	29.5%
25-29	318	29.9%	29.1%
30-34	154	14.5%	17.7%
35-39	40	3.8%	6.8%
=> 40	8	0.8%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-19 15-17	15-19 18-19	20-24	25-29	30-34	35-39	40-49
OTERO:										
1989	88.8	.6	83.7	48.3	133.7	206.3	129.2	67.5	20.1	2.9
1988	94.1	1.6	81.3	41.5	141.5	195.0	150.8	72.9	24.3	3.4
1987	90.6	2.1	74.7	35.3	137.4	197.0	144.7	65.0	18.3	2.8
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







OTERO COUNTY

The county crude death rate of 6.4 deaths per 1,000 population accounts for 3.1% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both females and males.

Heart disease, cancer and accidents are the leading causes of death, accounting for 55% of all deaths. Observed deaths are lower than expected for heart disease and cancer, but 49% higher than expected for accidents. Observed deaths are higher than expected for chronic obstructive pulmonary disease (COPD), suicide cirrhosis, diabetes, homicide, and alcoholism among others.

Infant mortality is higher than state levels.

85% of resident births occur within the county. Overall, the county experiences 3.2 births for every death.

OTERO COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	187	142	329	6.4
1988	164	130	294	5.8
1987	193	152	345	6.6
1986	149	128	277	5.5
COUNTY % OF TOTAL (1989) STATE DEATHS	3.2%	3.0%	3.1%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

OTERO CO.	
MALE	948.8
FEMALE	841.0
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

OTERO COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Alamogordo-Urban	577	211	2.7
Alamogordo-Rural	66	24	2.8
Mescalero-All	74	11	6.7
Tularosa-Urban	60	31	1.9
Tularosa-Rural	22	7	3.1
Cloudcroft-All	15	6	2.5
La Luz-All	27	15	1.8
Holloman AFB (Military)	180	3	60.0
Other & Unspecified	42	21	2.0
COUNTY TOTAL	1063	329	3.2
% OF COUNTY RESIDENT BIRTHS:			
Born in County	85.04%	XXXXX	XXXXX
Born in Other NM County	10.72%	XXXXX	XXXXX
Born Out of State	4.23%	XXXXX	XXXXX

OTERO COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	13	12.0	7	6.4	6	5.5
1985	13	11.7	5	4.5	8	7.2
1986	11	9.3	4	3.4	7	5.9
1987	14	12.8	10	9.1	4	3.6
1988	15	13.5	10	9.0	5	4.5
1989	12	11.3	6	5.6	6	5.6
NEW MEXICO 1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

OTERO COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	287	302	95	29.6	27.4	10.0	7.8
MALIGNANT NEOPLASMS	170	210	81	17.5	21.2	9.3	12.0
ALL ACCIDENTS	79	53	149	8.1	8.6	19.5	20.5
- MOTOR VEHICLE ACCIDENTS	46	29	159	4.7	4.7	14.4	14.1
- ALL OTHER ACCIDENTS	33	24	138	3.4	3.9	5.1	6.4
CEREBROVASCULAR DISEASE	56	54	104	5.8	5.6	1.7	1.3
COPD	49	32	153	5.0	4.9	1.3	1.2
INFLUENZA AND PNEUMONIA	22	24	92	2.3	3.4	0.3	0.8
SUICIDE	38	16	238	3.9	3.0	9.2	7.7
DIABETES	25	12	208	2.6	2.8	1.6	1.3
LIVER DISEASE - CIRRHOSIS	31	12	258	3.2	1.9	3.0	2.5
HOMICIDE	16	7	229	1.6	1.6	4.5	4.5
CERTAIN PERINATAL COND	23	16	144	2.4	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	11	5	220	1.1	1.0	0.2	0.3
CONGENITAL ANOMALIES	8	7	114	0.8	0.9	0.4	0.9
ATHEROSCLEROSIS	13	6	217	1.3	1.0	0.0	0.1
ALCOHOLISM	12	2	600	1.2	0.8	2.4	1.4
SEPTICEMIA	7	4	175	0.7	0.6	0.3	0.2
ALL OTHER CAUSES	124	125	99	12.8	14.2	8.9	9.5
TOTAL FOR ALL CAUSES	971	887	109	100.0	100.0	72.6	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	OTERO	N.M.
ALL	100.0	100.0
< 1	4.2	2.3
1- 4	0.5	0.6
5-14	0.8	0.7
15-24	3.9	3.1
25-34	5.3	4.4
35-44	4.6	4.7
45-54	6.8	6.0
55-64	13.4	12.3
65-74	23.4	21.3
75-84	23.6	25.9
85+	13.5	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

QUAY COUNTY

QUAY COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	10903	10577	11300	11600
% 19 AND YOUNGER	38.8%	33.6%	31.0%	29.5%
% 65 AND OLDER	12.5%	15.7%	15.9%	16.6%
% WHITE NON-HISPANIC	61.9%	62.2%	XXXXX	XXXXX
% WHITE HISPANIC	36.0%	35.3%	XXXXX	XXXXX
% BLACK	1.1%	1.3%	XXXXX	XXXXX
% INDIAN	0.2%	0.4%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	19.3%	15.3%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	1.1%	0.8%	0.7%	0.7%

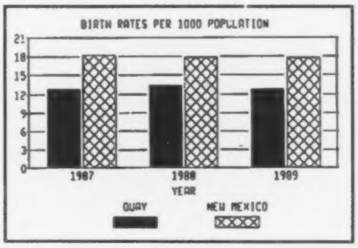
Quay County ranks as the state's 24th most populous county and has a population density of 3.9 persons per square mile, accounting for 0.7% of the state's total population.

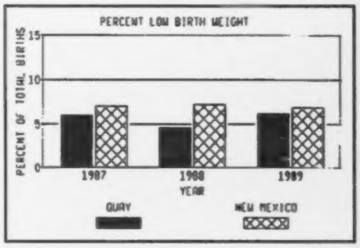
The county population is projected to reach 11,600 persons by the year 2000, accounting for a decreasing percentage of the state population.

The county birth rate of 12.8 births per 1,000 population is 28% below the state level and accounts for 0.5% of New Mexico resident births.

The percentage of low birth weight births remains below the state level. The percentage of births to teen mothers decreased, but remains above the state percentage. The percentage of births to single mothers remains below state levels.

QUAY	YEAR		
	1987	1988	1989
LIVE BIRTHS	149	153	145
WHITE			
NON-HISPANIC	72	62	66
HISPANIC	72	84	75
BLACK	3	4	2
INDIAN	0	2	0
OTHER	2	1	2
COUNTY % OF TOTAL STATE BIRTHS	0.5%	0.6%	0.5%





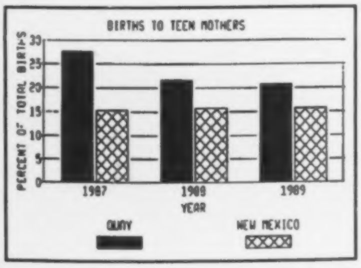
BIRTH DISTRIBUTION

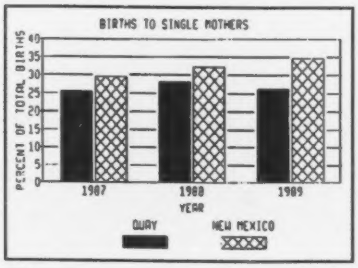
AGE OF MOTHER	QUAY NUMBER	QUAY %	NEW MEXICO %
ALL AGES	145	100.0%	100.0%
<15	0	·	0.2%
15-17	13	9.0%	5.7%
18-19	17	11.7%	9.7%
(15-19)	30	20.7%	15.5%
20-24	48	33.1%	29.5%
25-29	43	29.7%	29.1%
30-34	19	13.1%	17.7%
35-39	5	3.4%	6.8%
=> 40	0	·	1.2%

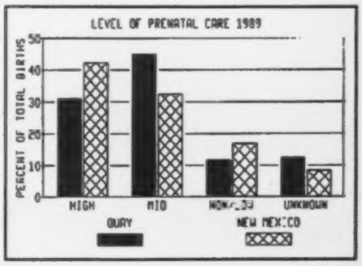
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-19 15-17	15-19 18-19	20-24	25-29	30-34	35-39	40-49
QUAY:										
1989	67.9	--	86.0	66.0	111.8	137.9	107.8	56.4	13.9	--
1988	83.7	--	95.4	62.2	146.0	220.8	168.8	52.0	28.6	3.1
1987	74.8	5.0	115.4	45.7	212.8	167.8	117.4	50.4	12.6	--
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







QUAY COUNTY

The county crude death rate of 11.2 per 1,000 population accounts for 1.2% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both males and females.

Heart disease, cancer and accidents are the leading causes of death, accounting for 69% of all deaths. Observed deaths are lower than expected for cancer and higher than expected for heart disease and accidents. Observed deaths are higher than expected for chronic obstructive pulmonary disease (COPD), suicide, diabetes, and homicide among others.

The infant mortality rate is higher than the state rate for 1989.

44% of resident births occur in other counties. Overall, the county experiences 1.2 births for every death.

QUAY COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	79	47	126	11.2
1988	77	57	134	11.8
1987	55	46	101	8.7
1986	56	49	105	9.1
COUNTY % OF TOTAL (1989) STATE DEATHS	1.4%	1.0%	1.2%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

QUAY CO.	
MALE	984.8
FEMALE	821.0
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

QUAY COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Tucumcari-Urban	88	81	1.1
Tucumcari-Rural	21	15	1.4
San Jon-All	9	8	1.1
Logan-All	10	13	0.8
House-All	3	2	1.5
Other & Unspecified	14	7	2.0
COUNTY TOTAL	145	126	1.2
% OF COUNTY RESIDENT BIRTHS:			
Born in County	45.52%	XXXXX	XXXXX
Born in Other NM County	44.14%	XXXXX	XXXXX
Born Out of State	10.34%	XXXXX	XXXXX

QUAY COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	2	10.9	0	0.0	2	10.9
1985	0	0.0	0	0.0	0	0.0
1986	0	0.0	0	0.0	0	0.0
1987	3	20.1	1	6.7	2	13.4
1988	1	6.5	0	0.0	1	6.5
1989	2	13.8	1	6.9	1	6.9
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

QUAY COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	166	129	129	46.0	27.4	19.7	7.8
MALIGNANT NEOPLASMS	62	85	73	17.2	21.2	9.8	12.0
ALL ACCIDENTS	22	6	367	6.1	8.6	25.2	20.5
- MOTOR VEHICLE ACCIDENTS	11	3	367	3.0	4.7	11.1	14.1
- ALL OTHER ACCIDENTS	11	3	367	3.0	3.9	14.1	6.4
CEREBROVASCULAR DISEASE	14	24	58	3.9	5.6	1.8	1.3
COPD	15	13	115	4.2	4.9	0.5	1.2
INFLUENZA AND PNEUMONIA	9	9	100	2.5	3.4	0.6	0.8
SUICIDE	12	3	400	3.3	3.0	13.1	7.7
DIABETES	5	4	125	1.4	2.8	0.0	1.3
LIVER DISEASE - CIRRHOSIS	6	0	-	1.7	1.9	1.9	2.5
HOMICIDE	4	2	200	1.1	1.6	6.5	4.5
CERTAIN PERINATAL COND	1	1	100	0.3	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	3	1	300	0.8	1.0	0.6	0.3
CONGENITAL ANOMALIES	2	1	200	0.6	0.9	0.0	0.9
ATHEROSCLEROSIS	1	1	100	0.3	1.0	0.0	0.1
ALCOHOLISM	0	0	-	0.0	0.8	0.0	1.4
SEPTICEMIA	4	2	200	1.1	0.6	0.3	0.2
ALL OTHER CAUSES	35	42	83	9.7	14.2	6.3	9.5
TOTAL FOR ALL CAUSES	361	323	112	100.0	100.0	86.4	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	QUAY	N.M.
ALL	100.0	100.0
< 1	1.7	2.3
1- 4	0.6	0.6
5-14	0.6	0.7
15-24	1.7	3.1
25-34	2.8	4.4
35-44	4.2	4.7
45-54	4.7	6.0
55-64	11.6	12.3
65-74	18.6	21.3
75-84	31.9	25.9
85+	21.9	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

RIO ARRIBA COUNTY

RIO ARRIBA COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	25170	29282	32700	37100
% 19 AND YOUNGER	48.6%	40.3%	36.7%	34.2%
% 65 AND OLDER	7.4%	8.2%	9.7%	10.3%
% WHITE NON-HISPANIC	5.9%	14.5%	XXXXX	XXXXX
% WHITE HISPANIC	82.2%	73.3%	XXXXX	XXXXX
% BLACK	0.2%	0.1%	XXXXX	XXXXX
% INDIAN	10.9%	11.4%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	34.3%	25.1%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	2.5%	2.2%	2.1%	2.1%

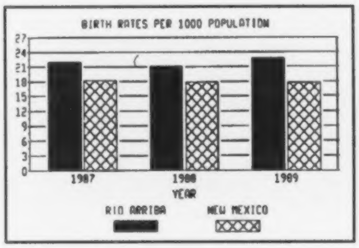
Rio Arriba County ranks as the state's 13th most populous county and has a population density of 5.6 persons per square mile, accounting for 2.1% of the state's total population.

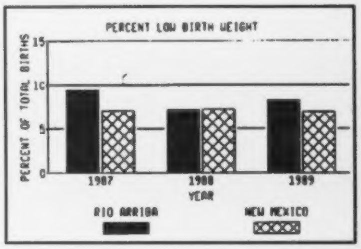
The county population is projected to be 37,100 persons by the year 2000, with over a third of the population 19 years of age and younger.

The county birth rate is 28% higher than the state rate. The county rate of 22.7 births per 1,000 population accounts for 2.7% of New Mexico resident births.

Increasing 15% from the 1988 figure, the percentage of low birth weight births is 19% higher than statewide. The percentage of births to teens is 16% higher and births to single mothers is 24% higher than state levels.

RIO ARRIBA	YEAR 1987	1988	1989
LIVE BIRTHS	723	688	741
WHITE			
NON-HISPANIC	57	36	40
HISPANIC	543	509	549
BLACK	6	5	2
INDIAN	116	137	148
OTHER	1	1	2
COUNTY % OF TOTAL STATE BIRTHS	2.7%	2.6%	2.7%



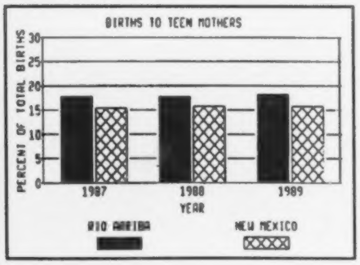


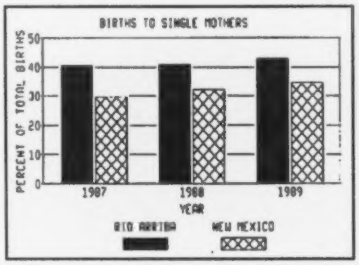
BIRTH DISTRIBUTION

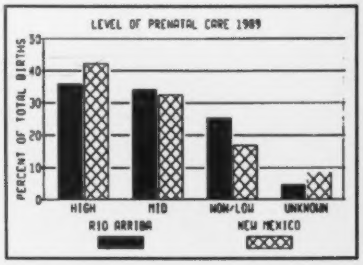
AGE OF MOTHER	RIO ARRIBA NUMBER	RIO ARRIBA %	NEW MEXICO %
ALL AGES	741	100.0%	100.0%
<15	2	0.3%	0.2%
15-17	42	5.7%	5.7%
18-19	91	12.3%	9.7%
(15-19)	133	17.9%	15.5%
20-24	220	29.7%	29.5%
25-29	214	28.9%	29.1%
30-34	127	17.1%	17.7%
35-39	38	5.1%	6.8%
=> 40	7	0.9%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-19 15-17	15-19 18-19	20-24	25-29	30-34	35-39	40-49
RIO ARRIBA:										
1989	97.4	1.4	98.5	51.5	170.4	164.3	148.4	104.4	32.6	3.6
1988	90.5	.7	87.8	59.4	131.2	144.5	131.6	99.8	30.2	4.0
1987	94.6	1.4	92.0	57.9	148.1	149.4	141.7	104.0	36.9	2.2
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







RIO ARRIBA COUNTY

The county crude death rate of 7.3 deaths per 1,000 population accounts for 2.3% of all New Mexico resident deaths. Adjusted rates show notably higher than state levels of mortality for both females and males.

Heart disease, cancer and accidents are the leading causes of death, accounting for 51% of all deaths. Observed deaths are lower than expected for heart disease and cancer, but nearly 3 times the expected level for accidents. Observed deaths are higher than expected for chronic obstructive pulmonary disease (COPD), influenza and pneumonia, diabetes, suicide, cirrhosis and homicide among others.

Postneonatal mortality is lower than statewide.

Nearly 64% of resident births occur in other counties. Overall, the county experiences 3.1 births for every death.

RIO ARRIBA COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	139	101	240	7.3
1988	177	88	265	8.1
1987	159	99	258	7.9
1986	173	93	266	8.0
COUNTY % OF TOTAL (1989) STATE DEATHS	2.4%	2.2%	2.3%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

RIO ARRIBA CO.	
MALE	1121.5
FEMALE	944.0
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

RIO ARRIBA COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Espanola-Urban(Fairview incl.)*	180	65	2.8
Espanola-Rural(Fairview incl.)*	73	15	4.9
Chama-All	22	9	2.4
Tierra Amarilla-All	10	6	1.7
Abiquiu-All	7	2	3.5
El Rito-All	10	5	2.0
Dulce-All	84	16	5.3
Chimayo *	49	15	3.3
Other & Unspecified	306	107	2.9
COUNTY TOTAL	741	240	3.1
% OF COUNTY RESIDENT BIRTHS:			
Born in County	35.63%	XXXXX	XXXXX
Born in Other NM County	63.97%	XXXXX	XXXXX
Born Out of State	0.40%	XXXXX	XXXXX

* Community in more than one county; includes births/deaths in county portion only.

RIO ARRIBA COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	9	12.3	6	8.2	3	4.1
1985	8	10.6	4	5.3	4	5.3
1986	5	6.9	2	2.8	3	4.1
1987	7	9.7	4	5.5	3	4.1
1988	8	11.6	5	7.3	3	4.4
1989	5	6.7	4	5.4	1	1.3
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

RIO ARRIBA COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	173	215	80	22.6	27.4	5.2	7.8
MALIGNANT NEOPLASMS	133	146	91	17.4	21.2	12.4	12.0
ALL ACCIDENTS	83	31	268	10.8	8.6	28.1	20.5
- MOTOR VEHICLE ACCIDENTS	50	17	294	6.5	4.7	19.0	14.1
- ALL OTHER ACCIDENTS	33	14	236	4.3	3.9	9.1	6.4
CEREBROVASCULAR DISEASE	35	37	95	4.6	5.6	0.4	1.3
COPD	29	22	132	3.8	4.9	0.5	1.2
INFLUENZA AND PNEUMONIA	29	19	153	3.8	3.4	1.1	0.8
SUICIDE	32	7	457	4.2	3.0	15.1	7.7
DIABETES	29	11	264	3.8	2.8	1.6	1.3
LIVER DISEASE - CIRRHOSIS	35	8	438	4.6	1.9	8.8	2.5
HOMICIDE	23	5	460	3.0	1.6	9.4	4.5
CERTAIN PERINATAL COND	11	9	122	1.4	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	8	4	200	1.0	1.0	0.7	0.3
CONGENITAL ANOMALIES	5	4	125	0.7	0.9	0.4	0.9
ATHEROSCLEROSIS	8	4	200	1.0	1.0	0.0	0.1
ALCOHOLISM	12	0	-	1.6	0.8	3.4	1.4
SEPTICEMIA	7	4	175	0.9	0.6	1.1	0.2
ALL OTHER CAUSES	114	87	131	14.9	14.2	15.7	9.5
TOTAL FOR ALL CAUSES	766	613	125	100.0	100.0	103.9	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	RIO ARRIBA	N.M.
ALL	100.0	100.0
< 1	2.7	2.3
1- 4	0.3	0.6
5-14	0.7	0.7
15-24	5.4	3.1
25-34	7.0	4.4
35-44	7.2	4.7
45-54	7.0	6.0
55-64	10.1	12.3
65-74	17.6	21.3
75-84	21.4	25.9
85+	20.6	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

ROOSEVELT COUNTY

ROOSEVELT COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	16479	15695	16300	16900
% 19 AND YOUNGER	38.8%	34.0%	31.5%	30.3%
% 65 AND OLDER	9.9%	12.9%	13.6%	13.5%
% WHITE NON-HISPANIC	82.4%	75.3%	XXXXX	XXXXX
% WHITE HISPANIC	15.3%	21.4%	XXXXX	XXXXX
% BLACK	0.7%	1.3%	XXXXX	XXXXX
% INDIAN	0.6%	0.7%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	21.5%	21.1%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	1.6%	1.2%	1.1%	1.0%

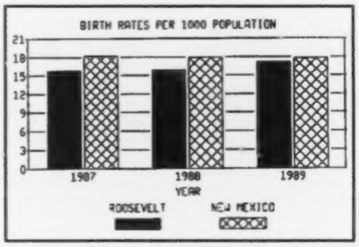
Roosevelt County ranks as the state's 20th most populous county and has a population density of 6.6 persons per square mile, accounting for 1.1% of the state's total population.

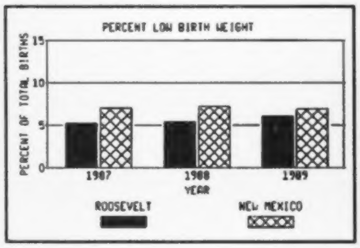
The county population is projected to reach 16,900 persons by the year 2000, accounting for a decreased percentage of New Mexico's population.

Although increasing 8% from 1988, the county birth rate is still 3% lower than the state rate. The county rate of 17.2 births per 1,000 population accounts for 1.0% of the state's total resident births.

The percentage of births to teenage women remains above state levels, while percentages of low birth weight births and births to single women remain below state levels.

ROOSEVELT	YEAR 1987	1988	1989
LIVE BIRTHS	269	261	280
WHITE			
NON-HISPANIC	151	149	160
HISPANIC	112	102	108
BLACK	4	7	9
INDIAN	1	1	3
OTHER	1	2	0
COUNTY % OF TOTAL STATE BIRTHS	1.0%	1.0%	1.0%



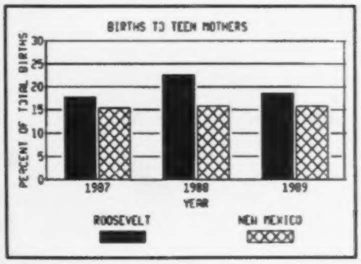


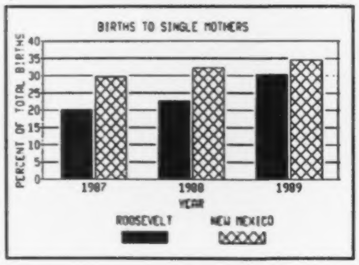
BIRTH DISTRIBUTION

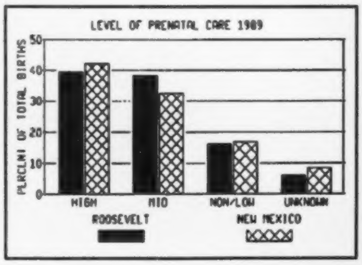
AGE OF MOTHER	ROOSEVELT NUMBER	%	NEW MEXICO %
ALL AGES	280	100.0%	100.0%
<15	0	.	0.2%
15-17	19	6.8%	5.7%
18-19	33	11.8%	9.7%
(15-19)	52	18.6%	15.5%
20-24	108	38.6%	29.5%
25-29	71	25.4%	29.1%
30-34	35	12.5%	17.7%
35-39	13	4.6%	6.8%
=> 40	1	0.4%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
ROOSEVELT:										
1989	71.8	--	77.5	49.4	115.4	149.8	82.8	46.5	28.1	1.3
1988	66.8	1.8	105.8	64.9	172.2	129.0	77.7	35.4	16.4	1.2
1987	64.7	1.8	77.2	49.5	124.4	122.4	72.9	45.5	11.8	5.1
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







ROOSEVELT COUNTY

ROOSEVELT COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	79	56	135	8.3
1988	72	59	131	8.0
1987	80	67	147	8.6
1986	74	55	129	7.8
COUNTY % OF TOTAL (1989) STATE DEATHS	1.4%	1.2%	1.3%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES 1987 - 89 AVERAGE	
ROOSEVELT CO.	
MALE	901.4
FEMALE	767.6
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

The county crude death rate of 8.3 deaths per 1,000 population accounted for 1.3% of all New Mexico resident deaths. Adjusted rates are higher than state levels of mortality for both males and females.

Heart disease, cancer and chronic obstructive pulmonary disease (COPD) are the leading causes of death. Observed deaths are lower than expected for heart disease and cancer, but higher than expected for (COPD). Observed deaths are higher than expected for accidents, suicides, diabetes, cirrhosis, congenital anomalies and atherosclerosis.

Neonatal mortality is higher than statewide.

Over 24% of resident births occurred in other counties. Overall, the county experiences 2.1 births for every death.

ROOSEVELT COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Portales-Urban	172	96	1.8
Portales-Rural	81	25	3.2
Elida-All	10	3	3.3
Dora-All	2	1	2.0
Floyd-All	3	0	---
Other & Unspecified	12	10	1.2
COUNTY TOTAL	280	135	2.1
% OF COUNTY RESIDENT BIRTHS:			
Born in County	72.50%	XXXXX	XXXXX
Born in Other NM County	24.29%	XXXXX	XXXXX
Born Out of State	3.21%	XXXXX	XXXXX

ROOSEVELT COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	2	7.5	2	7.5	0	0.0
1985	4	14.0	2	7.0	2	7.0
1986	3	10.5	2	7.0	1	3.5
1987	3	11.2	1	3.7	2	7.4
1988	3	11.5	1	3.8	2	7.7
1989	2	7.1	2	7.1	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

ROOSEVELT COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	136	157	87	32.8	27.4	10.8	7.8
MALIGNANT NEOPLASMS	89	97	92	21.4	21.2	13.1	12.0
ALL ACCIDENTS	24	9	267	5.8	8.6	16.5	20.5
- MOTOR VEHICLE ACCIDENTS	10	3	333	2.4	4.7	8.1	14.1
- ALL OTHER ACCIDENTS	14	6	233	3.4	3.9	8.4	6.4
CEREBROVASCULAR DISEASE	19	27	70	4.6	5.6	1.1	1.3
COPD	26	18	144	6.3	4.9	1.5	1.2
INFLUENZA AND PNEUMONIA	15	15	100	3.6	3.4	0.8	0.8
SUICIDE	8	3	267	1.9	3.0	3.5	7.7
DIABETES	7	5	140	1.7	2.8	0.6	1.3
LIVER DISEASE - CIRRHOSIS	6	2	300	1.4	1.9	2.1	2.5
HOMICIDE	1	1	100	0.2	1.6	1.3	4.5
CERTAIN PERINATAL COND	1	2	50	0.2	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	0	0	-	0.0	1.0	0.0	0.3
CONGENITAL ANOMALIES	4	1	400	1.0	0.9	0.9	0.9
ATHEROSCLEROSIS	10	4	250	2.4	1.0	0.5	0.1
ALCOHOLISM	3	0	-	0.7	0.8	1.5	1.4
SEPTICEMIA	4	0	-	1.0	0.6	0.0	0.2
ALL OTHER CAUSES	62	57	109	14.9	14.2	8.5	9.5
TOTAL FOR ALL CAUSES	415	398	104	100.0	100.0	62.8	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	ROOSEVELT	N.M.
ALL	100.0	100.0
< 1	1.9	2.3
1- 4	0.0	0.6
5-14	0.5	0.7
15-24	1.7	3.1
25-34	2.2	4.4
35-44	3.4	4.7
45-54	6.7	6.0
55-64	11.6	12.3
65-74	20.5	21.3
75-84	30.1	25.9
85+	21.4	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

SANDOVAL COUNTY

SANDOVAL COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	17492	34799	63600	89000
% 19 AND YOUNGER	48.3%	37.5%	33.5%	32.7%
% 65 AND OLDER	7.2%	9.8%	11.9%	12.9%
% WHITE NON-HISPANIC	36.8%	43.9%	XXXXX	XXXXX
% WHITE HISPANIC	23.6%	27.3%	XXXXX	XXXXX
% BLACK	0.1%	0.9%	XXXXX	XXXXX
% INDIAN	38.9%	27.3%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	37.5%	14.4%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	1.7%	2.7%	4.2%	5.1%

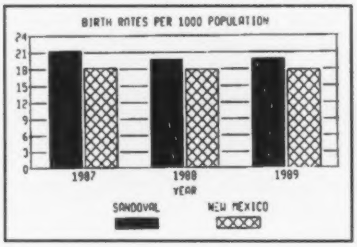
Sandoval County ranks as the states's 6th most populous county and has a population density of 17.2 persons per square mile.

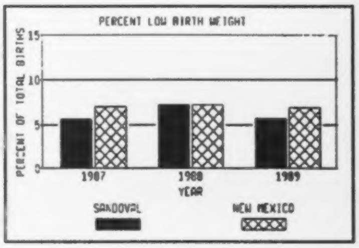
The county population is projected to be 89,000 persons by the year 2000, a 156% increase over 1980.

The county birth rate remains 11% greater than the state rate. The county rate of 19.8 births per 1,000 population accounts for 4.6% of New Mexico resident births.

The percentage of births to single mothers is 11% lower than statewide. Percentages of low birth weight births and births to teen mothers are below state levels - 17% for low birth weight and 43% for teen mothers.

SANDOVAL	YEAR 1987	1988	1989
LIVE BIRTHS	1193	1183	1262
WHITE			
NON-HISPANIC	464	456	465
HISPANIC	333	365	410
BLACK	17	18	15
INDIAN	372	333	361
OTHER	7	11	11
COUNTY % OF TOTAL STATE BIRTHS	4.4%	4.4%	4.6%





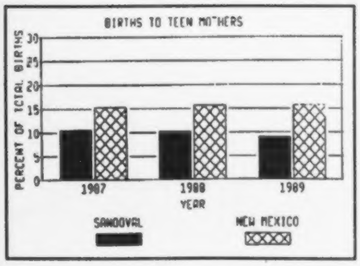
BIRTH DISTRIBUTION

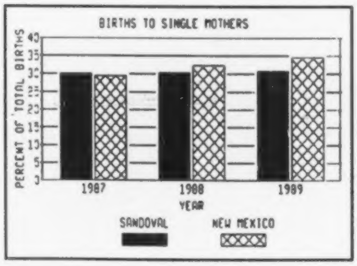
AGE OF MOTHER	SANDOVAL NUMBER	SANDOVAL %	NEW MEXICO %
ALL AGES	1262	100.0%	100.0%
<15	2	0.2%	0.2%
15-17	37	2.9%	5.7%
18-19	75	5.9%	9.7%
(15-19)	112	8.9%	15.5%
20-24	320	25.4%	29.5%
25-29	428	33.9%	29.1%
30-34	295	23.4%	17.7%
35-39	90	7.1%	6.8%
=> 40	15	1.2%	1.2%

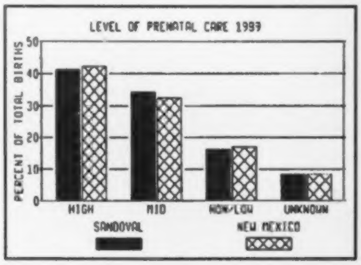
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
SANDOVAL:										
1989	89.0	.8	46.1	27.8	68.1	148.1	193.8	115.8	34.8	3.6
1988	88.0	.4	50.2	30.2	76.6	143.5	189.9	111.6	30.9	4.0
1987	95.4	.5	55.7	40.1	78.4	156.7	206.8	109.6	35.3	3.7
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







SANDOVAL COUNTY

The county crude death rate decreased slightly to 5.2 deaths per 1,000 population, accounting for 3.2% of all New Mexico resident deaths. Adjusted rates show lower than state levels of mortality for both females and males.

Heart disease, cancer and accidents are the leading causes of death, accounting for 56% of all deaths. Observed deaths are lower than expected for heart disease and cancer, but 63% higher than expected for accidents. Observed deaths are higher than expected for diabetes, suicide, homicide, cirrhosis, congenital anomalies and alcoholism.

Infant mortality is lower than the statewide level.

Nearly 99% of all resident births occur in another county. Overall, the county experiences 3.8 births for every death.

SANDOVAL COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	199	131	330	5.2
1988	183	142	325	5.4
1987	170	169	339	6.1
1986	180	136	316	6.6
COUNTY % OF TOTAL (1989) STATE DEATHS	3.4%	2.8%	3.2%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

SANDOVAL CO.	
MALE	623.2
FEMALE	582.7
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

SANDOVAL COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Bernalillo-Urban	54	23	2.3
Bernalillo-Rural	104	12	8.7
Cuba-All	56	22	2.5
Pena Blanca-All	8	3	2.7
Algodones-All	16	6	2.7
Jemez Springs-All	14	5	2.8
San Ysidro-All	7	0	---
Jemez Pueblo-All	42	12	3.5
San Felipe Pueblo-All	42	3	14.0
Santo Domingo Pueblo-All	76	17	4.5
Rio Rancho-All	588	160	3.7
Corrales *	77	30	2.6
Other & Unspecified	178	37	4.8
COUNTY TOTAL	1262	330	3.8
% OF COUNTY RESIDENT BIRTHS:			
Born in County	1.11%	XXXXX	XXXXX
Born in Other NM County	98.81%	XXXXX	XXXXX
Born Out of State	0.08%	XXXXX	XXXXX

* Community in more than one county; includes births/deaths in county portion only.

SANDOVAL COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	12	13.3	5	5.6	7	7.8
1985	10	10.2	6	6.1	4	4.1
1986	9	8.5	7	6.6	2	1.9
1987	6	5.0	4	3.4	2	1.7
1988	13	11.0	9	7.6	4	3.4
1989	4	3.2	2	1.6	2	1.6
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

SANDOVAL COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	231	506	46	23.2	27.4	6.2	7.8
MALIGNANT NEOPLASMS	218	346	63	21.9	21.2	9.1	12.0
ALL ACCIDENTS	106	65	163	10.6	8.6	21.5	20.5
- MOTOR VEHICLE ACCIDENTS	66	32	206	6.6	4.7	16.1	14.1
- ALL OTHER ACCIDENTS	40	33	121	4.0	3.9	5.3	6.4
CEREBROVASCULAR DISEASE	58	90	64	5.8	5.6	0.8	1.3
COPD	38	54	70	3.8	4.9	1.1	1.2
INFLUENZA AND PNEUMONIA	30	46	65	3.0	3.4	0.5	0.8
SUICIDE	37	16	231	3.7	3.0	8.3	7.7
DIABETES	33	19	174	3.3	2.8	1.0	1.3
LIVER DISEASE - CIRRHOSIS	19	16	119	1.9	1.9	2.3	2.5
HOMICIDE	15	9	167	1.5	1.6	3.8	4.5
CERTAIN PERINATAL COND	10	17	59	1.0	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	14	14	100	1.4	1.0	0.1	0.3
CONGENITAL ANOMALIES	10	8	125	1.0	0.9	0.4	0.9
ATHEROSCLEROSIS	3	8	38	0.3	1.0	0.0	0.1
ALCOHOLISM	7	2	350	0.7	0.8	1.1	1.4
SEPTICEMIA	4	6	67	0.4	0.6	0.1	0.2
ALL OTHER CAUSES	164	197	83	16.4	14.2	10.0	9.5
TOTAL FOR ALL CAUSES	997	1419	70	100.0	100.0	66.2	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	SANDOVAL	N.M.
ALL	100.0	100.0
< 1	2.4	2.3
1- 4	0.8	0.6
5-14	1.6	0.7
15-24	3.3	3.1
25-34	5.8	4.4
35-44	5.5	4.7
45-54	5.6	6.0
55-64	10.0	12.3
65-74	25.3	21.3
75-84	23.9	25.9
85+	15.7	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

SAN JUAN COUNTY

San Juan County ranks as the state's fourth most populous county and has a population density of 15.6 persons per square mile, accounting for 5.6% of the state's population.

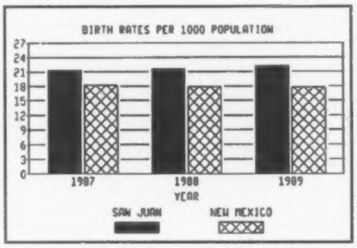
The county population is projected to reach 91,200 persons by the year 2000, a 12% increase over 1980, accounting for a decreasing percentage of the state's population and maintaining a relatively high percentage of persons 19 and younger.

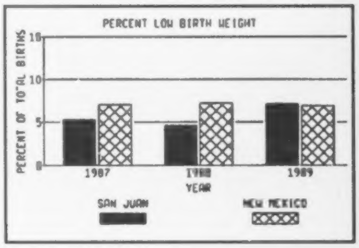
The county birth rate increased to 22.2 births per 1000 population, 25% higher than the state rate and accounting for 7% of New Mexico resident births.

The percentage of births to single women remains above the state level. Levels of low birth weight births and births to teens have also risen above state levels.

SAN JUAN COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	52517	81433	85900	91200
% 19 AND YOUNGER	49.2%	41.7%	40.1%	37.3%
% 65 AND OLDER	4.9%	5.8%	7.6%	8.9%
% WHITE NON-HISPANIC	50.8%	54.6%	XXXXX	XXXXX
% WHITE HISPANIC	13.1%	11.4%	XXXXX	XXXXX
% BLACK	0.6%	0.4%	XXXXX	XXXXX
% INDIAN	35.1%	33.0%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	21.7%	16.1%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	5.2%	6.3%	5.6%	5.2%

SAN JUAN	YEAR 1987	1988	1989
LIVE BIRTHS	1911	1877	1909
WHITE			
NON-HISPANIC	700	570	586
HISPANIC	289	263	288
BLACK	8	14	12
INDIAN	907	1024	1014
OTHER	7	6	9
COUNTY % OF TOTAL STATE BIRTHS	7.0%	7.0%	7.0%





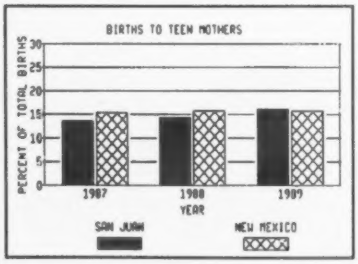
BIRTH DISTRIBUTION

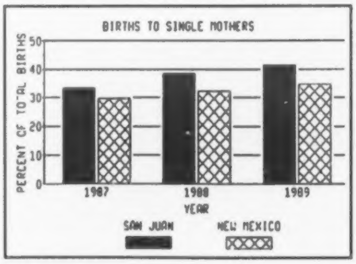
AGE OF MOTHER	SAN JUAN NUMBER	SAN JUAN %	NEW MEXICO %
ALL AGES	1909	100.0%	100.0%
<15	3	0.2%	0.2%
15-17	110	5.8%	5.7%
18-19	195	10.2%	9.7%
(15-19)	305	16.0%	15.5%
20-24	548	28.7%	29.5%
25-29	551	28.9%	29.1%
30-34	320	16.8%	17.7%
35-39	151	7.9%	6.8%
=> 40	31	1.6%	1.2%

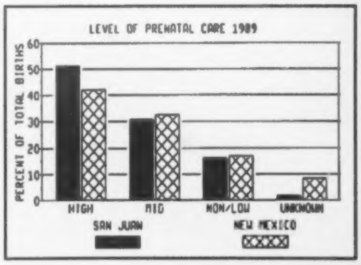
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
SAN JUAN:										
1989	99.4	.7	90.3	54.9	141.6	175.1	162.5	91.3	47.1	6.7
1988	94.1	1.7	73.3	39.7	126.9	166.7	150.5	91.5	41.5	6.1
1987	92.4	.7	68.2	42.2	110.2	164.8	143.5	99.2	31.8	4.6
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







SAN JUAN COUNTY

The county crude death rate of 6.2 deaths per 1,000 population accounts for 5.1% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both males and females.

Heart disease, cancer and accidents are the leading causes of death, accounting for 57% of all deaths. Observed deaths are lower than expected for heart disease and cancer, but over 2 times the expected level for accidents. Observed deaths are higher than expected for chronic obstructive pulmonary disease (COPD), diabetes, suicide, cirrhosis, anomalies, homicide and alcoholism among others.

Infant mortality is higher than state levels.

Over 7% of resident births occur out of state. Overall, the county experiences 3.6 births for every death.

SAN JUAN COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	316	219	535	6.2
1988	291	212	503	5.8
1987	270	213	483	5.4
1986	309	189	498	5.4
COUNTY % OF TOTAL (1989) STATE DEATHS	5.5%	4.7%	5.1%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

SAN JUAN CO.	
MALE	973.1
FEMALE	880.5
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

SAN JUAN COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Aztec-Urban	79	59	1.3
Aztec-Rural	65	20	3.3
Bloomfield-Urban	133	31	4.3
Bloomfield-Rural	50	22	2.3
Farmington-Urban	693	199	3.5
Farmington-Rural	76	22	3.5
Shiprock-All	264	58	4.6
Kirtland-All	81	18	4.5
Other & Unspecified	468	106	4.4
COUNTY TOTAL	1909	535	3.6
% OF COUNTY RESIDENT BIRTHS:			
Born in County	88.06%	XXXXX	XXXXX
Born in Other NM County	4.82%	XXXXX	XXXXX
Born Out of State	7.12%	XXXXX	XXXXX

SAN JUAN COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	17	7.6	12	5.4	5	2.2
1985	19	8.5	11	4.9	8	3.6
1986	17	8.0	9	4.2	8	3.8
1987	9	4.7	5	2.6	4	2.1
1988	14	7.5	5	2.7	9	4.8
1989	29	15.2	22	11.5	7	3.7
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

SAN JUAN COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	352	451	78	23.1	27.4	5.9	7.8
MALIGNANT NEOPLASMS	297	315	94	19.5	21.2	11.4	12.0
ALL ACCIDENTS	221	84	263	14.5	8.6	34.2	20.5
- MOTOR VEHICLE ACCIDENTS	144	46	313	9.4	4.7	23.8	14.1
- ALL OTHER ACCIDENTS	77	38	203	5.1	3.9	10.4	6.4
CEREBROVASCULAR DISEASE	73	81	90	4.8	5.6	0.5	1.3
COPD	74	48	154	4.9	4.9	0.9	1.2
INFLUENZA AND PNEUMONIA	45	43	105	3.0	3.4	1.0	0.8
SUICIDE	48	25	192	3.1	3.0	7.3	7.7
DIABETES	41	23	178	2.7	2.8	1.0	1.3
LIVER DISEASE - CIRRHOSIS	19	16	119	1.2	1.9	2.2	2.5
HOMICIDE	43	17	253	2.8	1.6	6.5	4.5
CERTAIN PERINATAL COND	26	26	100	1.7	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	17	11	155	1.1	1.0	0.3	0.3
CONGENITAL ANOMALIES	16	13	123	1.0	0.9	1.5	0.9
ATHEROSCLEROSIS	14	11	127	0.9	1.0	0.0	0.1
ALCOHOLISM	17	3	567	1.1	0.8	1.8	1.4
SEPTICEMIA	3	1	300	0.2	0.6	0.2	0.2
ALL OTHER CAUSES	218	194	112	14.3	14.2	9.3	9.5
TOTAL FOR ALL CAUSES	1524	1362	112	100.0	100.0	84.1	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	SAN JUAN	N.M.
ALL	100.0	100.0
< 1	3.5	2.3
1- 4	1.9	0.6
5-14	1.3	0.7
15-24	4.9	3.1
25-34	7.3	4.4
35-44	5.1	4.7
45-54	6.8	6.0
55-64	13.2	12.3
65-74	18.6	21.3
75-84	23.7	25.9
85+	13.8	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

SAN MIGUEL COUNTY

SAN MIGUEL COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	21951	22751	25200	27200
% 19 AND YOUNGER	42.9%	36.7%	34.3%	33.1%
% 65 AND OLDER	9.9%	11.6%	12.7%	11.9%
% WHITE NON-HISPANIC	16.6%	17.3%	XXXXX	XXXXX
% WHITE HISPANIC	81.7%	81.3%	XXXXX	XXXXX
% BLACK	0.4%	0.4%	XXXXX	XXXXX
% INDIAN	0.4%	0.4%	XXXXX	XX[illegible]
% FAMILIES BELOW POVERTY	39.2%	26.9%	XXXXX	[illegible]
COUNTY % OF STATE POPULATION	2.2%	1.7%	1.6%	1.6%

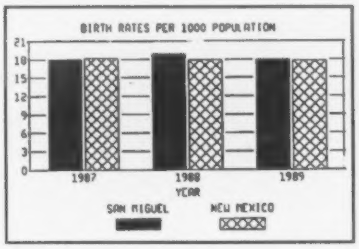
San Miguel County ranks as the state's 15th most populous county and has a population density of 5.4 persons per square mile, accounting for 1.6% of the total state population.

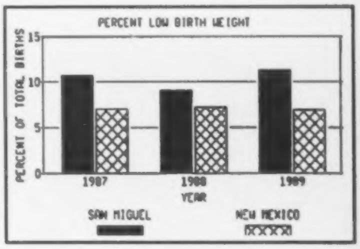
The county population is projected to reach 27,200 persons by the year 2000, accounting for an unchanged percentage of the state's population. A large percentage of the county population is Hispanic.

The county birth rate is 1% above the state level for 1989. The rate of 17.9 births per 1,000 population accounted for 1.7% of New Mexico resident births.

Showing increases in 1989 for the county were low birth weight births, and births to single mothers, both remained above state levels. Births to teens decreased 20% for 1989, from 20.1% to 16.0%.

SAN MIGUEL	YEAR 1987	1988	1989
LIVE BIRTHS	456	472	450
WHITE			
NON-HISPANIC	46	36	30
HISPANIC	404	423	413
BLACK	1	3	3
INDIAN	4	7	3
OTHER	1	3	1
COUNTY % OF TOTAL STATE BIRTHS	1.7%	1.8%	1.7%





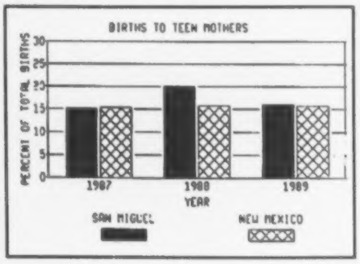
BIRTH DISTRIBUTION

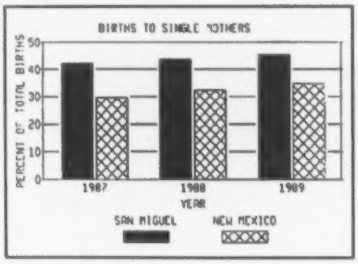
AGE OF MOTHER	SAN MIGUEL NUMBER	SAN MIGUEL %	NEW MEXICO %
ALL AGES	450	100.0%	100.0%
<15	2	0.4%	0.2%
15-17	28	6.2%	5.7%
18-19	42	9.3%	9.7%
(15-19)	70	15.6%	15.5%
20-24	136	30.2%	29.5%
25-29	125	27.8%	29.1%
30-34	76	16.9%	17.7%
35-39	29	6.4%	6.8%
=> 40	12	2.7%	1.2%

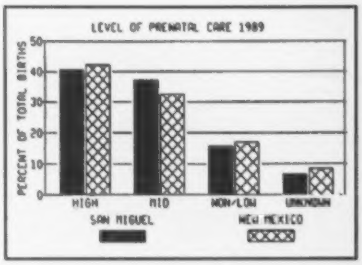
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
SAN MIGUEL:										
1989	71.8	2.1	54.6	38.3	76.4	104.8	110.8	86.4	33.1	8.7
1988	76.6	--	92.2	57.9	140.8	114.4	101.1	80.8	21.1	6.4
1987	73.0	1.0	62.3	38.8	99.8	119.0	103.4	67.4	37.7	2.9
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







SAN MIGUEL COUNTY

The county crude death rate of 8.2 deaths per 1,000 population accounts for 2.0% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both females and males.

Heart disease, cancer and accidents are the leading causes of death, accounting for 59% of all deaths. Observed deaths are lower than expected for heart disease and cancer, but over 2 times higher than expected for accidents. Observed deaths are higher than the expected for diabetes, suicide, influenza/pneumonia, cirrhosis, homicide, anomalies, atherosclerosis, alcoholism and septicemia.

Postneonatal mortality is higher than the state level.

Over 18% of resident births occur in other counties. Overall, the county experiences 2.2 births for every death.

SAN MIGUEL COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	116	90	206	8.2
1988	97	99	196	7.8
1987	107	92	199	7.9
1986	128	92	220	8.7
COUNTY % OF TOTAL (1989) STATE DEATHS	2.0%	1.9%	2.0%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

SAN MIGUEL CO.	
MALE	902.7
FEMALE	778.4
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

SAN MIGUEL COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Las Vegas-Urban	287	143	2.0
Las Vegas-Rural	46	10	4.6
Pecos-All	47	13	3.6
Other & Unspecified	70	40	1.8
COUNTY TOTAL	450	206	2.2
% OF COUNTY RESIDENT BIRTHS:			
Born in County	81.33%	XXXXX	XXXXX
Born in Other NM County	18.22%	XXXXX	XXXXX
Born Out of State	0.44%	XXXXX	XXXXX

SAN MIGUEL COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	2	4.0	1	2.0	1	2.0
1985	4	8.6	3	6.4	1	2.1
1986	5	11.0	2	4.4	3	6.6
1987	4	8.8	2	4.4	2	4.4
1988	4	8.5	3	6.4	1	2.1
1989	3	6.7	1	2.2	2	4.4
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

SAN MIGUEL COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	199	225	88	33.1	27.4	9.1	7.8
MALIGNANT NEOPLASMS	108	133	81	17.9	21.2	8.9	12.0
ALL ACCIDENTS	47	23	204	7.8	8.6	22.0	20.5
- MOTOR VEHICLE ACCIDENTS	23	12	192	3.8	4.7	15.4	14.1
- ALL OTHER ACCIDENTS	24	11	218	4.0	3.9	6.6	6.4
CEREBROVASCULAR DISEASE	34	45	76	5.6	5.6	2.3	1.3
COPD	20	22	91	3.3	4.9	1.6	1.2
INFLUENZA AND PNEUMONIA	26	22	118	4.3	3.4	1.4	0.8
SUICIDE	12	5	240	2.0	3.0	6.4	7.7
DIABETES	16	9	178	2.7	2.8	1.3	1.3
LIVER DISEASE - CIRRHOSIS	17	5	340	2.8	1.9	4.1	2.5
HOMICIDE	8	4	200	1.3	1.6	4.1	4.5
CERTAIN PERINATAL COND	3	7	43	0.5	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	4	4	100	0.7	1.0	0.0	0.3
CONGENITAL ANOMALIES	9	3	300	1.5	0.9	1.8	0.9
ATHEROSCLEROSIS	5	3	167	0.8	1.0	0.0	0.1
ALCOHOLISM	5	0	-	0.8	0.8	2.0	1.4
SEPTICEMIA	4	3	133	0.7	0.6	0.0	0.2
ALL OTHER CAUSES	85	82	104	14.1	14.2	10.6	9.5
TOTAL FOR ALL CAUSES	602	595	101	100.0	100.0	75.7	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	SAN MIGUEL	N.M.
ALL	100.0	100.0
< 1	2.0	2.3
1- 4	0.7	0.6
5-14	0.7	0.7
15-24	2.5	3.1
25-34	4.0	4.4
35-44	4.5	4.7
45-54	5.3	6.0
55-64	11.3	12.3
65-74	18.4	21.3
75-84	28.2	25.9
85+	22.4	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

SANTA FE COUNTY

Santa Fe county ranks as the state's third most populous county and has a population density of 51.3 persons per square mile, accounting for 6.4% of the state's total population.

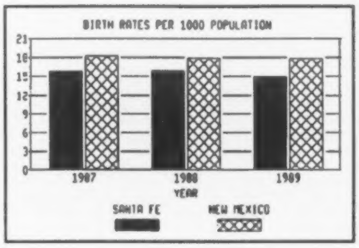
The county population is projected to exceed 115,000 persons by the year 2000, accounting for an increased percentage of the total state population and experiencing a drop in the percentage of population 19 and younger.

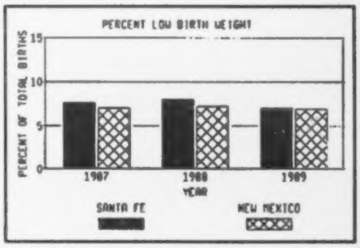
The county birth rate of 14.9 births per 1,000 population remains 16% below the state rate, accounting for 5.4% of all New Mexico resident births.

The percentages of births to teen mothers and births to single mothers increased for 1989. Low birth weight births exceeded state levels by 1%.

SANTA FE COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	53756	75360	97700	115700
% 19 AND YOUNGER	42.7%	33.6%	30.0%	28.5%
% 65 AND OLDER	7.8%	9.0%	10.1%	11.3%
% WHITE NON-HISPANIC	32.1%	40.8%	XXXXX	XXXXX
% WHITE HISPANIC	64.9%	55.0%	XXXXX	XXXXX
% BLACK	0.5%	0.5%	XXXXX	XXXXX
% INDIAN	2.0%	2.8%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	18.2%	11.2%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	5.3%	5.8%	6.4%	6.6%

SANTA FE	YEAR		
	1987	1988	1989
LIVE BIRTHS	1451	1484	1459
WHITE			
NON-HISPANIC	489	465	434
HISPANIC	883	926	922
BLACK	12	11	12
INDIAN	56	68	77
OTHER	11	14	16
COUNTY % OF TOTAL STATE BIRTHS	5.3%	5.5%	5.4%





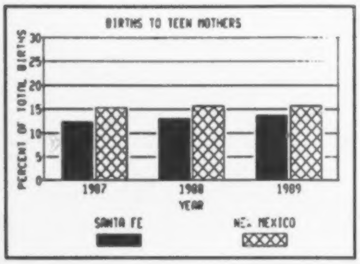
BIRTH DISTRIBUTION

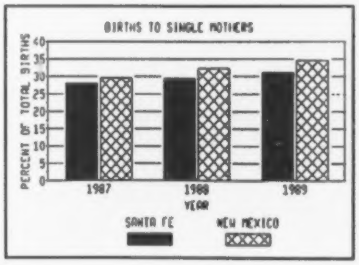
AGE OF MOTHER	SANTA FE NUMBER	SANTA FE %	NEW MEXICO %
ALL AGES	1459	100.0%	100.0%
<15	0	-	0.2%
15-17	73	5.0%	5.7%
18-19	129	8.8%	9.7%
(15-19)	202	13.8%	15.5%
20-24	353	24.2%	29.5%
25-29	425	29.1%	29.1%
30-34	281	19.3%	17.7%
35-39	174	11.9%	6.8%
=> 40	24	1.6%	1.2%

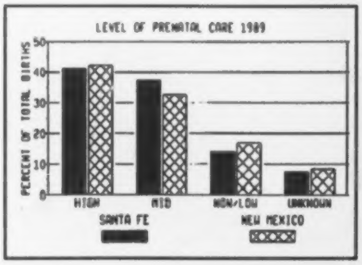
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
SANTA FE:										
1989	61.6	--	61.2	38.5	91.9	101.6	103.9	65.4	38.3	3.5
1988	66.0	--	58.8	29.2	100.8	100.2	107.1	83.4	38.9	4.8
1987	65.1	.9	53.1	33.2	84.8	97.1	118.0	70.9	39.7	5.9
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







SANTA FE COUNTY

The county crude death rate of 6.4 deaths per 1,000 population, accounts for 5.9% of all New Mexico resident deaths. Adjusted rates show lower than state levels of mortality for both males and females.

Heart disease, cancer and accidents are the leading causes of death, accounting for 55% of all deaths. Observed deaths are lower than expected for heart disease and cancer, but 47% higher than expected for accidents. Observed deaths are higher than the expected for chronic obstructive pulmonary disease (COPD), suicide diabetes, cirrhosis, homicide, anomalies and alcoholism.

Infant mortality is lower than statewide.

Nearly 12% of resident births occur in other counties. Overall, the county experiences 2.3 births for every death.

SANTA FE COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	328	294	622	6.4
1988	308	286	594	6.4
1987	341	259	600	6.5
1986	285	245	530	6.1
COUNTY % OF TOTAL (1989) STATE DEATHS	5.7%	6.3%	5.9%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

SANTA FE CO.	
MALE	800.1
FEMALE	711.3
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

SANTA FE COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Santa Fe-Urban	935	505	1.9
Santa Fe-Rural	280	27	10.4
Tesuque-All	18	2	9.0
Pojoaque-All	24	4	6.0
Espanola *	3	5	0.6
Chimayo *	12	9	1.3
Nambe-All	13	1	13.0
Other & Unspecified	174	69	2.5
COUNTY TOTAL	1459	622	2.3
% OF COUNTY RESIDENT BIRTHS:			
Born in County	88.07%	XXXXX	XXXXX
Born in Other NM County	11.86%	XXXXX	XXXXX
Born Out of State	0.07%	XXXXX	XXXXX

* Community in more than one county; includes births/deaths in county portion only.

SANTA FE COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	13	9.2	9	6.3	4	2.8
1985	6	4.1	4	2.8	2	1.4
1986	11	7.4	7	4.7	4	2.7
1987	4	2.8	2	1.4	2	1.4
1988	11	7.4	5	3.4	6	4.0
1989	8	5.5	6	4.1	2	1.4
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

SANTA FE COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	469	726	65	25.8	27.4	5.3	7.8
MALIGNANT NEOPLASMS	396	473	84	21.8	21.2	10.5	12.0
ALL ACCIDENTS	138	94	147	7.6	8.6	16.6	20.5
- MOTOR VEHICLE ACCIDENTS	79	50	158	4.3	4.7	12.3	14.1
- ALL OTHER ACCIDENTS	59	44	134	3.2	3.9	4.3	6.4
CEREBROVASCULAR DISEASE	111	140	79	6.1	5.6	1.2	1.3
COPD	79	74	107	4.3	4.9	0.6	1.2
INFLUENZA AND PNEUMONIA	57	67	85	3.1	3.4	1.2	0.8
SUICIDE	78	34	229	4.3	3.0	10.5	7.7
DIABETES	43	37	116	2.4	2.8	1.0	1.3
LIVER DISEASE - CIRRHOSIS	47	27	174	2.6	1.9	3.3	2.5
HOMICIDE	25	21	119	1.4	1.6	3.4	4.5
CERTAIN PERINATAL COND	10	21	48	0.6	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	15	17	88	0.8	1.0	0.0	0.3
CONGENITAL ANOMALIES	13	10	130	0.7	0.9	1.4	0.9
ATHEROSCLEROSIS	14	18	78	0.8	1.0	0.1	0.1
ALCOHOLISM	16	4	400	0.9	0.8	1.3	1.4
SEPTICEMIA	7	10	70	0.4	0.6	0.2	0.2
ALL OTHER CAUSES	300	285	105	16.5	14.2	10.8	9.5
TOTAL FOR ALL CAUSES	1818	2058	88	100.0	100.0	67.2	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	SANTA FE	N.M.
ALL	100.0	100.0
< 1	1.3	2.3
1- 4	0.4	0.6
5-14	0.6	0.7
15-24	3.5	3.1
25-34	4.5	4.4
35-44	5.6	4.7
45-54	5.8	6.0
55-64	10.6	12.3
65-74	19.4	21.3
75-84	26.6	25.9
85+	21.8	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

SIERRA COUNTY

Sierra County ranks as the state's 26th most populas county and has a population density of 2.3 persons per square mile, accounting for 0.6% of the state's total population.

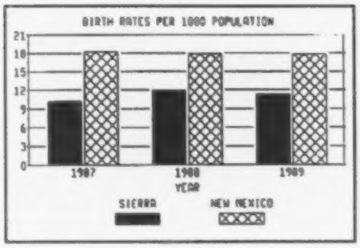
The county population is projected to reach 10,100 persons by the year 2000, with almost 40% of the population expected to be 65 and older.

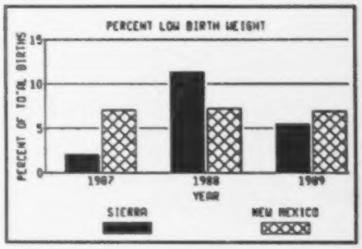
The county birth rate of 11.3 births per 1,000 population is 37% lower than the state rate because of the large component of older population. The fertility rate is 9% higher than that for the state.

The percentage of births to teens is above state levels; the percent of births to single women decreased 3% from the previous year, and the percent of low birth weight births fluctuates markedly because of the relatively few births.

SIERRA COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	7189	8454	9800	10100
% 19 AND YOUNGER	30.4%	24.2%	19.1%	20.4%
% 65 AND OLDER	24.7%	29.5%	35.8%	37.2%
% WHITE NON-HISPANIC	63.3%	73.9%	XXXXX	XXXXX
% WHITE HISPANIC	35.8%	25.2%	XXXXX	XXXXX
% BLACK	0.1%	0.1%	XXXXX	XXXXX
% INDIAN	0.2%	0.6%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	23.9%	18.9%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	0.7%	0.6%	0.6%	0.6%

SIERRA	YEAR		
	1987	1988	1989
LIVE BIRTHS	100	115	111
WHITE			
NON-HISPANIC	44	61	57
HISPANIC	53	52	52
BLACK	0	0	1
INDIAN	1	2	1
OTHER	2	0	0
COUNTY % OF TOTAL STATE BIRTHS	0.4%	0.4%	0.4%



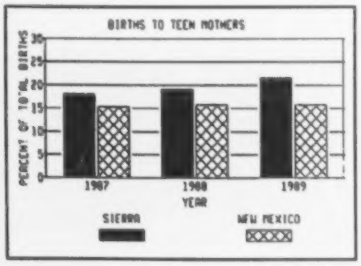


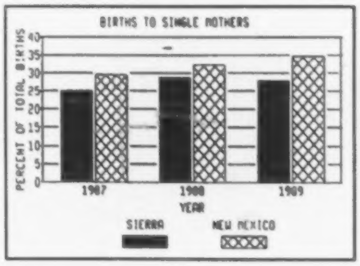
BIRTH DISTRIBUTION

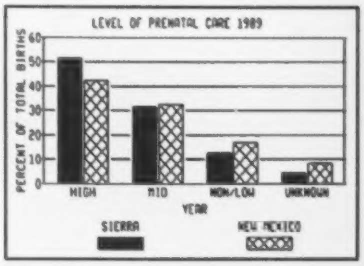
AGE OF MOTHER	SIERRA NUMBER	SIERRA %	NEW MEXICO %
ALL AGES	111	100.0%	100.0%
<15	0	-	0.2%
15-17	7	6.3%	5.7%
18-19	17	15.3%	9.7%
(15-19)	24	21.6%	15.5%
20-24	34	30.6%	29.5%
25-29	31	27.9%	29.1%
30-34	16	14.4%	17.7%
35-39	6	5.4%	6.8%
=> 40	0	-	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP								
			15-19							
		10-14	TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
SIERRA:										
1989	82.7	--	94.1	55.6	131.8	123.2	142.2	88.4	33.3	--
1988	86.1	--	82.4	39.0	141.6	159.7	117.1	114.9	31.9	2.1
1987	74.7	--	62.9	52.0	79.6	128.0	143.6	113.1	15.4	--
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







SIERRA COUNTY

The county crude death rate increased to 20.5 deaths per 1,000 population, accounting for 1.9% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both males and females.

Heart disease, cancer and chronic obstructive pulmonary disease (COPD) are the leading causes of death, accounting for 66% of all deaths. Observed deaths are lower than expected for heart disease and cancer, but 52% higher than expected for COPD. Observed deaths are higher than expected for accidents, suicide, diabetes, alcoholism, and cirrhosis, among others.

No infant deaths were reported in the county for 1989.

61% of all resident births occur in other counties. Overall, the county experiences less than one birth (.6) for every death.

SIERRA COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	125	76	201	20.5
1988	100	82	182	18.8
1987	112	60	172	17.6
1986	100	59	159	16.6
COUNTY % OF TOTAL (1989) STATE DEATHS	2.2%	1.6%	1.9%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES 1987 - 89 AVERAGE	
SIERRA CO.	
MALE	1048.9
FEMALE	795.5
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

SIERRA COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Truth or Consequences-Urban	46	164	0.3
Truth or Consequences-Rural	29	2	14.5
Williamsburg-All	7	12	0.6
Other & Unspecified	29	23	1.3
COUNTY TOTAL	111	201	0.6
% OF COUNTY RESIDENT BIRTHS:			
Born in County	35.14%	XXXXX	XXXXX
Born in Other NM County	61.26%	XXXXX	XXXXX
Born Out of State	3.60%	XXXXX	XXXXX

SIERRA COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	5	52.6	4	42.1	1	10.5
1985	2	20.4	1	10.2	1	10.2
1986	3	28.8	2	19.2	1	9.6
1987	1	10.0	1	10.0	0	0.0
1988	2	17.4	2	17.4	0	0.0
1989	0	0.0	0	0.0	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

SIERRA COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	218	235	93	39.3	27.4	30.9	7.8
MALIGNANT NEOPLASMS	105	141	74	18.9	21.2	27.8	12.0
ALL ACCIDENTS	25	8	313	4.5	8.6	16.6	20.5
- MOTOR VEHICLE ACCIDENTS	11	2	550	2.0	4.7	11.6	14.1
- ALL OTHER ACCIDENTS	14	6	233	2.5	3.9	5.1	6.4
CEREBROVASCULAR DISEASE	19	36	53	3.4	5.6	2.5	1.3
COPD	41	27	152	7.4	4.9	1.3	1.2
INFLUENZA AND PNEUMONIA	19	20	95	3.4	3.4	0.4	0.8
SUICIDE	12	3	400	2.2	3.0	8.9	7.7
DIABETES	17	11	155	3.1	2.8	9.0	1.3
LIVER DISEASE - CIRRHOSIS	8	3	267	1.4	1.9	5.9	2.5
HOMICIDE	2	0	-	0.4	1.6	1.4	4.5
CERTAIN PERINATAL COND	3	2	150	0.5	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	7	5	140	1.3	1.0	0.0	0.3
CONGENITAL ANOMALIES	0	0	-	0.0	0.9	0.0	0.9
ATHEROSCLEROSIS	5	5	100	0.9	1.0	0.0	0.1
ALCOHOLISM	6	0	-	1.1	0.8	3.4	1.4
SEPTICEMIA	2	2	100	0.4	0.6	0.0	0.2
ALL OTHER CAUSES	66	73	90	11.9	14.2	8.7	9.5
TOTAL FOR ALL CAUSES	555	571	97	100.0	100.0	116.8	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989		
AGE	SIERRA	N.M.
ALL	100.0	100.0
< 1	0.5	2.3
1- 4	0.0	0.6
5-14	0.0	0.7
15-24	0.0	3.1
25-34	0.9	4.4
35-44	2.5	4.7
45-54	4.1	6.0
55-64	12.8	12.3
65-74	23.2	21.3
75-84	34.6	25.9
85+	21.3	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

SOCORRO COUNTY

SOCORRO COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	9763	12566	14700	16300
% 19 AND YOUNGER	45.1%	38.6%	35.6%	32.4%
% 65 AND OLDER	7.7%	8.8%	10.5%	11.6%
% WHITE NON-HISPANIC	31.0%	41.9%	XXXXX	XXXXX
% WHITE HISPANIC	60.0%	46.4%	XXXXX	XXXXX
% BLACK	0.7%	0.4%	XXXXX	XXXXX
% INDIAN	7.2%	9.9%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	29.5%	22.2%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	1.0%	1.0%	1.0%	0.9%

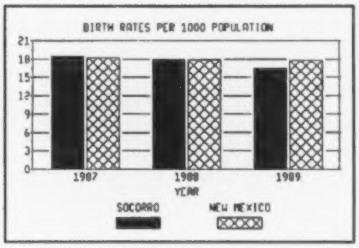
Socorro County ranks as the state's 21st most populous county and has a population density of 2.2 persons per square mile, accounting for 1% of the state's total population.

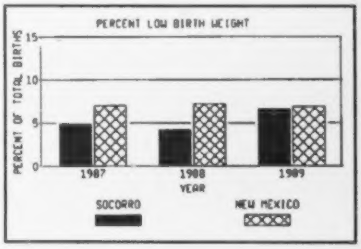
The county population is projected to reach 16,300 persons by the year 2000; 0.9% of the total state population.

The county birth rate of 16.5 births per 1,000 population is 7% below the state rate and accounts for 0.9% of New Mexico resident live births.

The percentages of births to teen women, single women and low birth weight births all increased for 1989 - 56% for teens, 45% for single women and 57% for low birth weight births.

SOCORRO	YEAR 1987	1988	1989
LIVE BIRTHS	263	261	242
WHITE			
NON-HISPANIC	66	61	51
HISPANIC	143	147	137
BLACK	3	4	6
INDIAN	39	44	41
OTHER	12	5	7
COUNTY % OF TOTAL STATE BIRTHS	1.0%	1.0%	0.9%



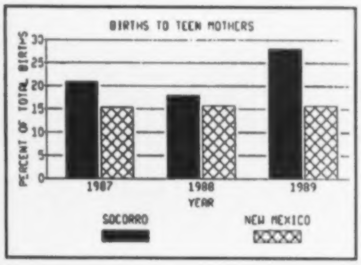


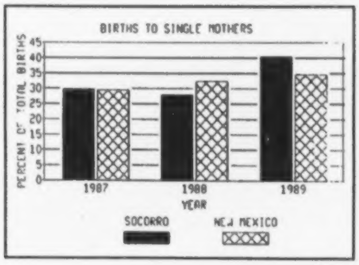
BIRTH DISTRIBUTION

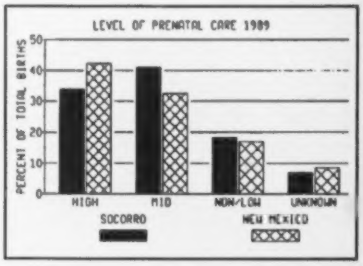
AGE OF MOTHER	SOCORRO NUMBER	%	NEW MEXICO %
ALL AGES	242	100.0%	100.0%
<15	2	0.8%	0.2%
15-17	34	14.0%	5.7%
18-19	32	13.2%	9.7%
(15-19)	66	27.3%	15.5%
20-24	70	28.9%	29.5%
25-29	50	20.7%	29.1%
30-34	39	16.1%	17.7%
35-39	12	5.0%	6.8%
=> 40	3	1.2%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
SOCORRO:										
1989	75.9	3.2	116.4	103.3	134.5	125.9	87.0	72.2	23.3	3.8
1988	78.5	3.2	71.4	40.0	117.6	116.9	134.9	61.8	45.7	5.1
1987	85.0	3.2	89.5	50.4	148.9	138.5	121.6	71.6	34.7	1.5
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







SOCORRO COUNTY

SOCORRO COUNTY DEATHS YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	64	54	118	8.0
1988	68	43	111	7.7
1987	67	51	118	8.3
1986	51	47	98	7.0
COUNTY % OF TOTAL (1989) STATE DEATHS	1.1%	1.2%	1.1%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

SOCORRO CO.	
MALE	993.8
FEMALE	892.7
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

The county crude death rate increased to 8.0 deaths per 1,000 population, accounting for 1.1% of all New Mexico deaths. Adjusted rates show higher than state levels of mortality for both males and females.

Heart disease, cancer and accidents are the leading causes of death, accounting for 53% of all deaths. Observed are lower than expected for heart disease and cancer, but higher than expected for accidents. Observed deaths are higher than expected for stroke, chronic obstructive pulmonary disease (COPD), influenza and pneumonia, suicide, diabetes, cirrhosis, homicide and nephritis, nephrotic syndrome and nephrosis.

Infant mortality is higher than state levels.

Over 32% of resident of resident births occur in other counties. Overall, the county experiences 2.1 births for every death.

SOCORRO COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Magdalena-Urban	3	8	0.4
Magdalena-Rural	45	7	6.4
Socorro-Urban	104	81	1.3
Socorro-Rural	56	1	56.0
Other & Unspecified	34	21	1.6
COUNTY TOTAL	242	118	2.1
% OF COUNTY RESIDENT BIRTHS:			
Born in County	67.36%	XXXXX	XXXXX
Born in Other NM County	32.64%	XXXXX	XXXXX
Born Out of State	----	XXXXX	XXXXX

SOCORRO COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	5	20.8	2	8.3	3	12.5
1985	0	0.0	0	0.0	0	0.0
1986	3	12.8	1	4.3	2	8.5
1987	2	7.6	1	3.8	1	3.8
1988	0	0.0	0	0.0	0	0.0
1989	3	12.4	2	8.3	1	4.1
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

SOCORRO COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	82	108	76	23.6	27.4	8.9	7.8
MALIGNANT NEOPLASMS	62	65	95	17.9	21.2	12.0	12.0
ALL ACCIDENTS	40	8	500	11.5	8.6	35.1	20.5
- MOTOR VEHICLE ACCIDENTS	22	5	440	6.3	4.7	23.9	14.1
- ALL OTHER ACCIDENTS	18	3	600	5.2	3.9	11.2	6.4
CEREBROVASCULAR DISEASE	22	19	116	6.3	5.6	4.0	1.3
COPD	21	12	175	6.1	4.9	1.9	1.2
INFLUENZA AND PNEUMONIA	14	10	140	4.0	3.4	0.0	0.8
SUICIDE	11	2	550	3.2	3.0	8.8	7.7
DIABETES	7	4	175	2.0	2.8	0.3	1.3
LIVER DISEASE - CIRRHOSIS	9	2	450	2.6	1.9	3.2	2.5
HOMICIDE	4	2	200	1.2	1.6	5.5	4.5
CERTAIN PERINATAL COND	3	4	75	0.9	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	5	1	500	1.4	1.0	0.0	0.3
CONGENITAL ANOMALIES	1	0	-	0.3	0.9	1.7	0.9
ATHEROSCLEROSIS	0	0	-	0.0	1.0	0.0	0.1
ALCOHOLISM	0	0	-	0.0	0.8	0.0	1.4
SEPTICEMIA	2	0	-	0.6	0.6	0.0	0.2
ALL OTHER CAUSES	64	39	164	18.4	14.2	9.4	9.5
TOTAL FOR ALL CAUSES	347	276	126	100.0	100.0	90.9	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	SOCORRO	N.M.
ALL	100.0	100.0
< 1	1.4	2.3
1- 4	0.9	0.6
5-14	0.9	0.7
15-24	4.3	3.1
25-34	7.2	4.4
35-44	3.7	4.7
45-54	4.0	6.0
55-64	10.4	12.3
65-74	18.2	21.3
75-84	28.2	25.9
85+	20.7	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

TAOS COUNTY

Taos County ranks as the state's 16th most populous county and has a population density of 9.8 persons per square mile, accounting for 1.4% of the state population.

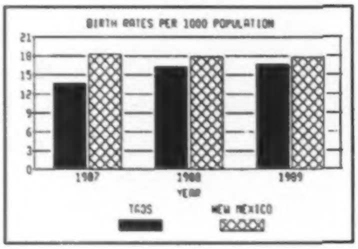
The county population is projected to reach 23,900 persons by the year 2000 with almost a third of the population expected to be 19 and younger.

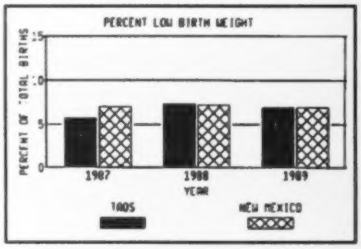
Although increasing 2% from 1988, the birth rate of 16.7 births per 1,000 population remains 6% below the state rate accounting for 1.3% of New Mexico resident births.

A decrease in the percentage of births to single women put county figures below state levels, while an increase leaves the county percentage of births to teens above state levels and a decreased percentage of low birth weight births brought the county even with the state level.

TAOS COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	17516	19456	21600	23900
% 19 AND YOUNGER	45.8%	37.6%	34.9%	31.8%
% 65 AND OLDER	9.3%	9.7%	9.6%	10.6%
% WHITE NON-HISPANIC	5.1%	23.9%	XXXXX	XXXXX
% WHITE HISPANIC	86.3%	68.8%	XXXXX	XXXXX
% BLACK	0.2%	0.2%	XXXXX	XXXXX
% INDIAN	6.8%	6.4%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	35.8%	24.1%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	1.7%	1.5%	1.4%	1.4%

TAOS	YEAR 1987	1988	1989
LIVE BIRTHS	300	354	360
WHITE			
NON-HISPANIC	50	65	91
HISPANIC	217	256	237
BLACK	2	1	1
INDIAN	29	31	29
OTHER	2	1	2
COUNTY % OF TOTAL STATE BIRTHS	1.1%	1.3%	1.3%





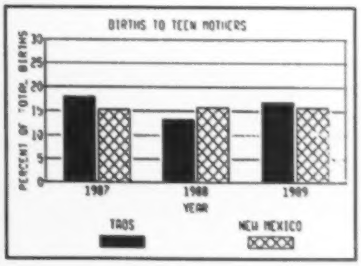
BIRTH DISTRIBUTION

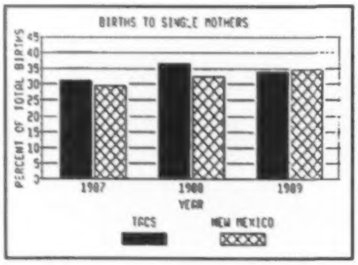
AGE OF MOTHER	TAOS NUMBER	TAOS %	NEW MEXICO %
ALL AGES	360	100.0%	100.0%
<15	1	0.3%	0.2%
15-17	24	6.7%	5.7%
18-19	36	10.0%	9.7%
(15-19)	60	16.7%	15.5%
20-24	78	21.7%	29.5%
25-29	91	25.3%	29.1%
30-34	79	21.9%	17.7%
35-39	42	11.7%	6.8%
=> 40	9	2.5%	1.2%

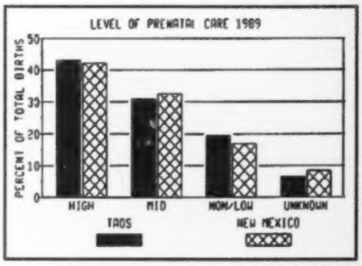
BIRTH RATES BY AGE GROUP

COUNTY	FERTILITY RATE (a)	10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
TAOS:										
1989	69.8	1.2	76.2	55.6	101.4	118.7	122.8	84.9	37.4	5.9
1988	68.8	2.3	52.0	47.3	58.5	115.6	113.0	94.7	43.2	2.2
1987	59.6	--	65.9	32.1	118.4	105.0	93.3	73.0	23.4	3.2
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







TAOS COUNTY

The county crude death rate increased to 7.9 deaths per 1,000 population, accounting for 1.6% of all New Mexico resident deaths. Adjusted rates show a higher than state level of mortality for males but lower for females.

Cancer, heart disease and accidents are the leading causes of death, accounting for 55% of all deaths. Observed deaths are lower than expected for heart disease and close to expected for cancer, but more than 3 times the expected level for accidents. Observed deaths are higher than expected for chronic obstructive pulmonary disease (COPD), diabetes, suicide, cirrhosis, homicide, alcoholism and influenza/ pneumonia among others.

Neonatal mortality is higher than the state level.

Over 19% of resident births occur in other counties. Overall, the county experiences 2.1 births for every death.

TAOS COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	107	64	171	7.9
1988	88	65	153	7.1
1987	91	57	148	6.8
1986	93	49	142	6.5
COUNTY % OF TOTAL (1989) STATE DEATHS	1.8%	1.4%	1.6%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

TAOS CO.	
MALE	1003.8
FEMALE	709.0
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

TAOS COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Questa-All	28	15	1.9
Rancho de Taos-All	36	18	2.0
Taos-Urban	101	54	1.9
Taos-Rural	44	19	2.3
Penasco-All	12	6	2.0
Red River-All	10	3	3.3
Other & Unspecified	129	56	2.3
COUNTY TOTAL	360	171	2.1
% OF COUNTY RESIDENT BIRTHS:			
Born in County	78.89%	XXXXX	XXXXX
Born in Other NM County	19.44%	XXXXX	XXXXX
Born Out of State	1.67%	XXXXX	XXXXX

TAOS COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	4	9.0	3	6.8	1	2.3
1985	5	10.9	4	8.7	1	2.2
1986	3	7.6	2	5.1	1	2.5
1987	2	6.7	2	6.7	0	0.0
1988	5	14.1	4	11.3	1	2.8
1989	4	11.1	3	8.3	1	2.8
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

TAOS COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	99	166	60	20.9	27.4	6.0	7.8
MALIGNANT NEOPLASMS	100	101	99	21.1	21.2	10.7	12.0
ALL ACCIDENTS	60	16	375	12.7	8.6	35.5	20.5
- MOTOR VEHICLE ACCIDENTS	40	9	444	8.5	4.7	25.8	14.1
- ALL OTHER ACCIDENTS	20	7	286	4.2	3.9	9.7	6.4
CEREBROVASCULAR DISEASE	34	31	110	7.2	5.6	1.8	1.3
COPD	16	14	114	3.4	4.9	0.1	1.2
INFLUENZA AND PNEUMONIA	15	14	107	3.2	3.4	0.0	0.8
SUICIDE	18	4	450	3.8	3.0	10.7	7.7
DIABETES	7	5	140	1.5	2.8	0.8	1.3
LIVER DISEASE - CIRRHOSIS	15	3	500	3.2	1.9	4.7	2.5
HOMICIDE	4	2	200	0.8	1.6	3.4	4.5
CERTAIN PERINATAL COND	7	5	140	1.5	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	4	1	400	0.8	1.0	0.0	0.3
CONGENITAL ANOMALIES	4	2	200	0.8	0.9	1.2	0.9
ATHEROSCLEROSIS	8	5	160	1.7	1.0	0.2	0.1
ALCOHOLISM	6	0	-	1.3	0.8	1.9	1.4
SEPTICEMIA	2	1	200	0.4	0.6	0.0	0.2
ALL OTHER CAUSES	74	61	121	15.6	14.2	9.1	9.5
TOTAL FOR ALL CAUSES	473	431	110	100.0	100.0	86.1	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	TAOS	N.M.
ALL	100.0	100.0
< 1	2.3	2.3
1- 4	0.6	0.6
5-14	1.1	0.7
15-24	4.4	3.1
25-34	4.4	4.4
35-44	7.0	4.7
45-54	7.6	6.0
55-64	8.5	12.3
65-74	16.3	21.3
75-84	26.6	25.9
85+	21.1	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

TORRANCE COUNTY

Torrance County ranks as the state's 25th most populous county and has a population density of 3.2 persons per square mile, accounting for 0.7% of the total state population.

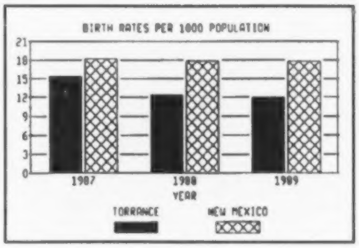
The county population is projected to reach over 13,000 persons by the year 2000.

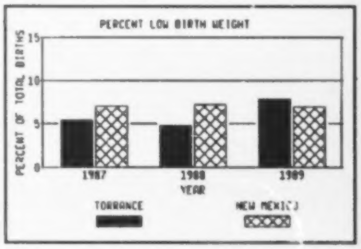
The county birth rate remains below state levels with a birth rate of 11.9 births per 1,000 population in 1989, a rate 33% below the state rate and accounting for one-half of one percent of New Mexico resident births.

The county percentage of births to single mothers increased 40% but remains below state levels. The percentage of births to teen mothers increased 35% and is above state levels, while the percentage of low birth weight births in the county also increased above state levels.

TORRANCE COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	5290	7491	10800	13300
% 19 AND YOUNGER	41.1%	35.9%	33.1%	32.2%
% 65 AND OLDER	11.9%	12.0%	14.2%	15.2%
% WHITE NON-HISPANIC	46.8%	57.3%	XXXXX	XXXXX
% WHITE HISPANIC	52.6%	41.0%	XXXXX	XXXXX
% BLACK	---	0.2%	XXXXX	XXXXX
% INDIAN	0.1%	0.5%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	32.6%	19.7%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	0.5%	0.6%	0.7%	0.8%

TORRANCE	YEAR 1987	1988	1989
LIVE BIRTHS	148	125	129
WHITE			
NON-HISPANIC	65	59	52
HISPANIC	80	63	69
BLACK	0	0	1
INDIAN	3	3	5
OTHER	0	0	2
COUNTY % OF TOTAL STATE BIRTHS	0.5%	0.5%	0.5%



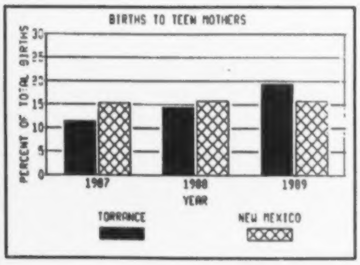


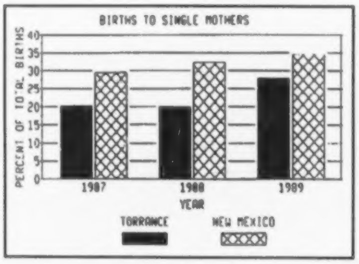
BIRTH DISTRIBUTION

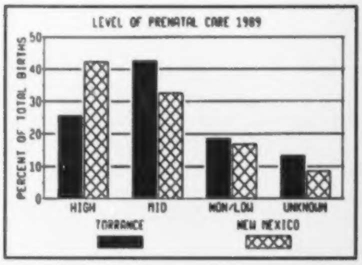
AGE OF MOTHER	TORRANCE NUMBER	%	NEW MEXICO %
ALL AGES	129	100.0%	100.0%
<15	1	0.8%	0.2%
15-17	10	7.8%	5.7%
18-19	14	10.9%	9.7%
(15-19)	24	18.6%	15.5%
20-24	35	27.1%	29.5%
25-29	33	25.6%	29.1%
30-34	27	20.9%	17.7%
35-39	6	4.7%	6.8%
=> 40	3	2.3%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
TORRANCE:										
1989	58.6	2.3	56.9	38.6	85.9	86.0	85.9	75.4	18.4	5.4
1988	60.5	--	43.9	26.5	65.2	96.1	150.5	56.0	24.9	1.8
1987	75.3	--	42.5	32.0	55.2	151.4	155.7	75.6	26.5	5.8
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







TORRANCE COUNTY

The county crude death rate of 6.8 deaths per 1,000 population accounts for 0.7% of all New Mexico resident deaths. Adjusted rates show lower than state levels of mortality for both males and females.

Heart disease, cancer and accidents the leading causes of death, accounting for 64% of all deaths. Observed deaths are lower than expected for heart disease, cancer but over 4 times higher for accidents. Observed deaths are higher than expected for stroke, chronic obstructive pulmonary disease (COPD), diabetes, cirrhosis and suicide among others.

Due to the relatively small number of births, infant mortality fluctuates notably.

Over 97 of resident births occur in other counties. Overall, the county experiences 1.8 births for every death.

TORRANCE COUNTY DEATHS

YEAR	MALE	FEMALE	TOTAL NUMBER	TOTAL DEATH RATE
1989	44	29	73	6.8
1988	41	33	74	7.3
1987	43	27	70	7.3
1986	35	40	75	8.3
COUNTY % OF TOTAL (1989) STATE DEATHS	0.8%	0.6%	0.7%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES
1987 - 89 AVERAGE

TORRANCE CO.	
MALE	795.5
FEMALE	625.4
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

TORRANCE COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Estancia-All	24	16	1.5
Moriarty-All	68	29	2.3
Mountainair-Urban	2	8	0.3
Mountainair-Rural	18	7	2.6
Encino-All	2	2	1.0
Willard-All	3	1	3.0
Other & Unspecified	12	10	1.2
COUNTY TOTAL	129	73	1.8
% OF COUNTY RESIDENT BIRTHS:			
Born in County	2.33%	XXXXX	XXXXX
Born in Other NM County	97.67%	XXXXX	XXXXX
Born Out of State	----	XXXXX	XXXXX

TORRANCE COUNTY	INFANT DEATHS Number	INFANT DEATHS Rate	NEONATAL Number	NEONATAL Rate	POSTNEONATAL Number	POSTNEONATAL Rate
1984	0	0.0	0	0.0	0	0.0
1985	3	22.1	3	22.1	0	0.0
1986	3	20.8	1	6.9	2	13.9
1987	1	6.8	1	6.8	0	0.0
1988	0	0.0	0	0.0	0	0.0
1989	1	7.8	1	7.8	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

TORRANCE COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	73	95	77	33.6	27.4	14.0	7.8
MALIGNANT NEOPLASMS	42	61	69	19.4	21.2	10.2	12.0
ALL ACCIDENTS	23	5	460	10.6	8.6	24.8	20.5
- MOTOR VEHICLE ACCIDENTS	16	3	533	7.4	4.7	23.2	14.1
- ALL OTHER ACCIDENTS	7	2	350	3.2	3.9	1.6	6.4
CEREBROVASCULAR DISEASE	18	16	113	8.3	5.6	0.9	1.3
COPD	10	9	111	4.6	4.9	3.1	1.2
INFLUENZA AND PNEUMONIA	5	5	100	2.3	3.4	1.6	0.8
SUICIDE	3	0	-	1.4	3.0	2.1	7.7
DIABETES	5	2	250	2.3	2.8	0.0	1.3
LIVER DISEASE - CIRRHOSIS	4	0	-	1.8	1.9	3.3	2.5
HOMICIDE	2	0	-	0.9	1.6	2.9	4.5
CERTAIN PERINATAL COND	0	0	-	0.0	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	0	0	-	0.0	1.0	0.0	0.3
CONGENITAL ANOMALIES	2	0	-	0.9	0.9	0.0	0.9
ATHEROSCLEROSIS	1	0	-	0.5	1.0	0.0	0.1
ALCOHOLISM	1	0	-	0.5	0.8	0.0	1.4
SEPTICEMIA	0	0	-	0.0	0.6	0.0	0.2
ALL OTHER CAUSES	28	28	100	12.9	14.2	5.9	9.5
TOTAL FOR ALL CAUSES	217	221	98	100.0	100.0	68.8	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	TORRANCE	N.M.
ALL	100.0	100.0
< 1	0.9	2.3
1- 4	1.4	0.6
5-14	0.0	0.7
15-24	1.4	3.1
25-34	4.1	4.4
35-44	3.2	4.7
45-54	7.4	6.0
55-64	13.4	12.3
65-74	19.4	21.3
75-84	28.1	25.9
85+	20.7	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

UNION COUNTY

UNION COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	4925	4725	4500	4300
% 19 AND YOUNGER	37.6%	33.0%	31.5%	33.0%
% 65 AND OLDER	15.4%	17.2%	18.8%	18.4%
% WHITE NON-HISPANIC	70.5%	68.3%	XXXXX	XXXXX
% WHITE HISPANIC	28.3%	31.2%	XXXXX	XXXXX
% BLACK	0.1%	---	XXXXX	XXXXX
% INDIAN	0.2%	0.3%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	26.2%	19.1%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	0.5%	0.4%	0.3%	0.2%

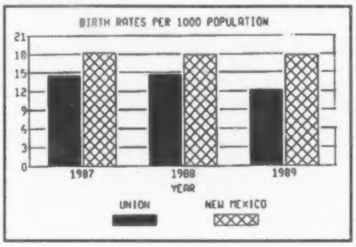
Union County ranks as the state's 28th most populous county and has a population density of 1.2 persons per square mile, accounting for 0.3% of the total state population.

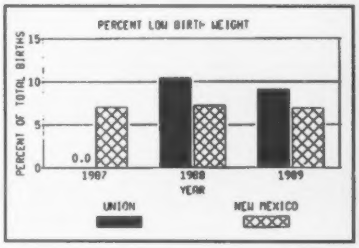
Showing a decreasing trend the county population is projected to drop to 4,300 persons by the year 2000.

The county birth rate remains below the state rate. As of 1989, the county rate of 12.2 births per 1,000 population was 31% below the state rate, accounting for 0.2% of New Mexico resident births.

The percent of births to single women decreased below state levels. The percentage of births to teens is presently 27% above the state level and the percentage of low birth weight births decreased for the county, though fluctuating widely because of the small number of events.

UNION -	YEAR 1987	1988	1989
LIVE BIRTHS	71	67	55
WHITE			
NON-HISPANIC	36	24	27
HISPANIC	34	40	27
BLACK	0	1	0
INDIAN	1	2	1
OTHER	0	0	0
COUNTY % OF TOTAL STATE BIRTHS	0.3%	0.2%	0.2%

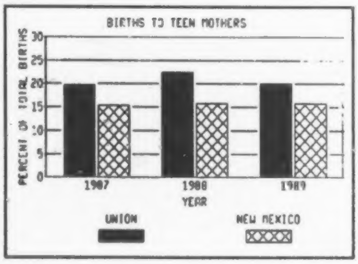


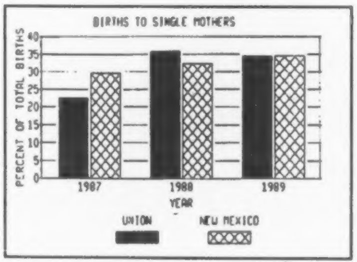


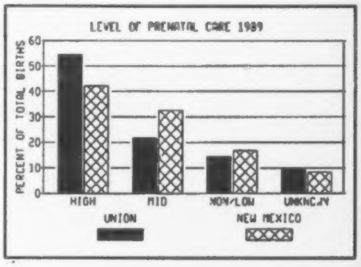
BIRTH DISTRIBUTION			
AGE OF MOTHER	UNION NUMBER	%	NEW MEXICO %
ALL AGES	55	100.0%	100.0%
<15	0	-	0.2%
15-17	6	10.9%	5.7%
18-19	5	9.1%	9.7%
(15-19)	11	20.0%	15.5%
20-24	17	30.9%	29.5%
25-29	16	29.1%	29.1%
30-34	9	16.4%	17.7%
35-39	1	1.8%	6.8%
=> 40	1	1.8%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP 10-14	15-19 TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
UNION:										
1989	58.9	--	64.3	69.8	58.8	93.9	88.4	70.9	7.1	3.8
1988	70.0	--	85.2	47.2	142.9	111.1	123.5	53.0	21.0	--
1987	68.7	--	78.7	52.6	125.0	103.8	107.1	52.3	21.3	11.5
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







UNION COUNTY

The county crude death rate increased to 12.2 deaths per 1,000 population accounting for 0.5% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for both females and males.

Heart disease, cancer and accidents are the leading causes of death, accounting for 57% of all deaths. Observed deaths are lower than expected for heart disease and cancer; no deaths were expected for accidents but 14 were reported. Observed deaths are higher than expected for stroke, diabetes, influenza/pneumonia, chronic obstructive pulmonary disease (COPD), atherosclerosis, suicide, cirrhosis, homicide, and anomalies.

Neonatal mortality exceeds state levels in 1989.

Over 56% of resident births occur within the county. Overall, the county experiences 1.0 birth for every death.

UNION COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	32	23	55	12.2
1988	26	22	48	10.4
1987	30	26	56	11.4
1986	36	23	59	11.6
COUNTY % OF TOTAL (1989) STATE DEATHS	0.6%	0.5%	0.5%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES 1987 - 89 AVERAGE	
UNION CO.	
MALE	938.2
FEMALE	820.9
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

UNION COUNTY			
PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Clayton-Urban	25	41	0.6
Clayton-Rural	8	0	---
Des Moines-All	6	1	6.0
Folsom-All	3	1	3.0
Grenville-All	2	0	---
Other & Unspecified	11	12	0.9
COUNTY TOTAL	55	55	1.0
% OF COUNTY RESIDENT BIRTHS:			
Born in County	56.36%	XXXXX	XXXXX
Born in Other NM County	14.55%	XXXXX	XXXXX
Born Out of State	29.09%	XXXXX	XXXXX

UNION COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	0	0.0	0	0.0	0	0.0
1985	2	26.3	2	26.3	0	0.0
1986	2	29.9	1	14.9	1	14.9
1987	0	0.0	0	0.0	0	0.0
1988	2	29.9	2	29.9	0	0.0
1989	1	18.2	1	18.2	0	0.0
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

UNION COUNTY — THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	50	58	86	30.5	27.4	11.1	7.8
MALIGNANT NEOPLASMS	30	34	88	18.3	21.2	4.6	12.0
ALL ACCIDENTS	14	0	-	8.5	8.6	12.2	20.5
- MOTOR VEHICLE ACCIDENTS	5	0	-	3.0	4.7	5.1	14.1
- ALL OTHER ACCIDENTS	9	0	-	5.5	3.9	7.0	6.4
CEREBROVASCULAR DISEASE	11	9	122	6.7	5.6	0.9	1.3
COPD	6	4	150	3.7	4.9	0.0	1.2
INFLUENZA AND PNEUMONIA	7	6	117	4.3	3.4	0.0	0.8
SUICIDE	3	0	-	1.8	3.0	7.1	7.7
DIABETES	7	1	700	4.3	2.8	2.6	1.3
LIVER DISEASE - CIRRHOSIS	2	0	-	1.2	1.9	1.4	2.5
HOMICIDE	2	0	-	1.2	1.6	2.0	4.5
CERTAIN PERINATAL COND	1	1	100	0.6	1.0	0.0	0.1
NEPHRITIS NEPHROTIC SYND	0	0	-	0.0	1.0	0.0	0.3
CONGENITAL ANOMALIES	4	0	-	2.4	0.9	4.1	0.9
ATHEROSCLEROSIS	3	1	300	1.8	1.0	0.0	0.1
ALCOHOLISM	0	0	-	0.0	0.8	0.0	1.4
SEPTICEMIA	0	0	-	0.0	0.6	0.0	0.2
ALL OTHER CAUSES	24	18	133	14.6	14.2	6.8	9.5
TOTAL FOR ALL CAUSES	164	132	124	100.0	100.0	52.7	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-84.

% OF TOTAL DEATHS 1987-1989		
AGE	UNION	N.M.
ALL	100.0	100.0
< 1	1.8	2.3
1- 4	0.0	0.6
5-14	0.6	0.7
15-24	0.0	3.1
25-34	2.4	4.4
35-44	1.8	4.7
45-54	1.8	6.0
55-64	8.5	12.3
65-74	20.7	21.3
75-84	32.3	25.9
85+	29.9	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

VALENCIA COUNTY

VALENCIA COUNTY POPULATION	1970 CENSUS	1980 CENSUS	1989 ESTIMATE	PROJECTED 2000
NUMBER	*****	30768	46400	61800
% 19 AND YOUNGER	***	38.7%	34.1%	31.8%
% 65 AND OLDER	***	10.4%	10.4%	11.3%
% WHITE NON-HISPANIC	***	47.4%	XXXXX	XXXXX
% WHITE HISPANIC	***	48.3%	XXXXX	XXXXX
% BLACK	***	0.6%	XXXXX	XXXXX
% INDIAN	***	3.4%	XXXXX	XXXXX
% FAMILIES BELOW POVERTY	***	11.2%	XXXXX	XXXXX
COUNTY % OF STATE POPULATION	***	2.4%	3.0%	3.5%

Valencia County ranks as the state's 11th most populous county and has a population density of 43.4 persons per square mile, accounting for 3% of the total state population.

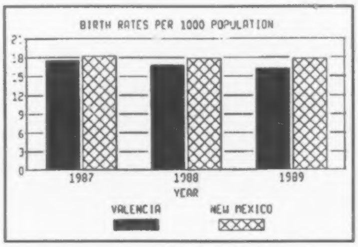
The county population is projected to reach 61,800 persons by the year 2000.

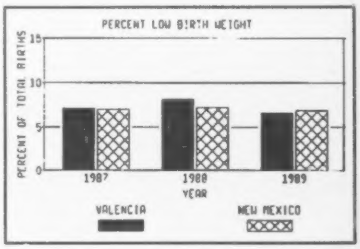
The county birth rate decreased to 16.3 births per 1,000 population - a rate 8% below the state level and accounting for 2.8% of New Mexico resident births.

The percentage of births to single women increased 5% from 1988 but remains below state levels while the percentage of low birth weight births decreased 19%. The percentage of birth to teens increased 27% for 1989, to above state levels.

***1970 AND 1980 POPULATION DATA AVAILABLE ONLY IN A FORM INCLUDING BOTH VALENCIA AND CIBOLA; 1980 ESTIMATED FOR RACE/ETHNICITY AND POVERTY LEVEL.

VALENCIA	YEAR		
	1987	1988	1989
LIVE BIRTHS	695	675	756
WHITE			
NON-HISPANIC	221	241	245
HISPANIC	423	400	462
BLACK	11	2	6
INDIAN	37	28	36
OTHER	3	4	7
COUNTY % OF TOTAL STATE BIRTHS	2.6%	2.5%	2.8%



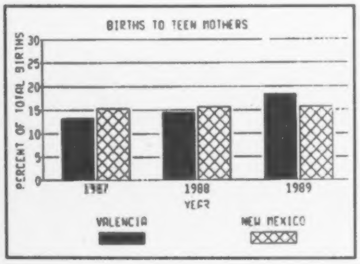


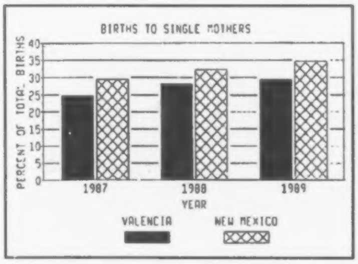
BIRTH DISTRIBUTION

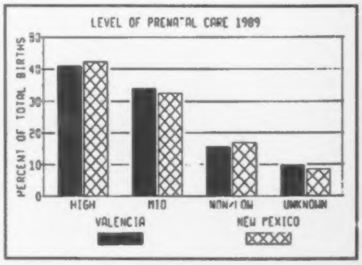
AGE OF MOTHER	VALENCIA NUMBER	VALENCIA %	NEW MEXICO %
ALL AGES	756	100.0%	100.0%
<15	3	0.4%	0.2%
15-17	55	7.3%	5.7%
18-19	81	10.7%	9.7%
(15-19)	136	18.0%	15.5%
20-24	210	27.8%	29.5%
25-29	220	29.1%	29.1%
30-34	132	17.5%	17.7%
35-39	46	6.1%	6.8%
=> 40	9	1.2%	1.2%

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP								
			15-19							
		10-14	TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
VALENCIA:										
1989	72.0	1.6	75.6	53.3	105.5	119.9	115.9	67.0	26.8	3.5
1988	74.3	2.0	57.9	41.9	83.2	134.1	134.1	72.3	20.1	3.5
1987	77.7	1.2	55.0	37.6	83.1	139.5	136.6	82.7	27.3	2.7
NEW MEXICO:										
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5

(a) Births Per 1,000 Women Ages 15-44







VALENCIA COUNTY

VALENCIA COUNTY DEATHS			TOTAL	
YEAR	MALE	FEMALE	NUMBER	DEATH RATE
1989	192	124	316	6.8
1988	200	145	345	8.6
1987	176	136	312	7.8
1986	159	120	279	7.4
COUNTY % OF TOTAL (1989) STATE DEATHS	3.3%	2.6%	3.0%	

Crude Death Rate Per 1000 population

AGE ADJUSTED DEATH RATES 1987 - 89 AVERAGE	
VALENCIA CO.	
MALE	961.6
FEMALE	812.1
NEW MEXICO	
MALE	852.5
FEMALE	753.9

RATE PER 100,000 POPULATION

The county crude death rate of 6.8 deaths per 1,000 population accounts for 3.0% of all New Mexico resident deaths. Adjusted rates show higher than state levels of mortality for males and females.

Heart disease, cancer and accidents are the leading causes of death, accounting for 57% of all deaths. Observed deaths are lower than expected for heart disease, at the expected for cancer, but over twice the expected for accidents. Observed deaths are higher than expected for chronic obstructive pulmonary disease (COPD), diabetes, suicide, cirrhosis, homicide and anomalies among others.

Infant mortality is higher in the county than statewide in 1989.

Nearly 81% of resident births occur in other counties. Overall, the county experiences 2.4 births for every death.

VALENCIA COUNTY

PLACE OF RESIDENCE/1989	BIRTHS	DEATHS	BIRTHS PER 1 DEATH
Belen-Urban	164	91	1.8
Belen-Rural	96	62	1.5
Los Lunas-Urban	217	67	3.2
Los Lunas-Rural	165	51	3.2
Bosque Farms-All	50	27	1.9
Other & Unspecified	64	18	3.6
COUNTY TOTAL	756	316	2.4
% OF COUNTY RESIDENT BIRTHS:			
Born in County	18.52%	XXXXX	XXXXX
Born in Other NM County	80.82%	XXXXX	XXXXX
Born Out of State	0.66%	XXXXX	XXXXX

VALENCIA COUNTY	INFANT DEATHS		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
1984	5	7.9	2	3.2	3	4.8
1985	9	14.3	8	12.7	1	1.6
1986	7	10.5	5	7.5	2	3.0
1987	8	11.5	6	8.6	2	2.9
1988	4	5.9	3	4.4	1	1.5
1989	12	15.9	6	7.9	6	7.9
NEW MEXICO						
1989	232	8.5	147	5.4	85	3.1

Rate Per 1000 Live Births

VALENCIA COUNTY THREE YEAR AGGREGATE 1987-1989

CAUSE	DEATHS OBSERVED	DEATHS EXPECTED	SMR	% OF TOTAL DEATHS CO.	% OF TOTAL DEATHS N.M.	YPLL RATE CO.	YPLL RATE N.M
DISEASES OF THE HEART	231	339	68	23.7	27.4	9.1	7.8
MALIGNANT NEOPLASMS	223	222	100	22.9	21.2	16.0	12.0
ALL ACCIDENTS	104	40	260	10.7	8.6	34.5	20.5
- MOTOR VEHICLE ACCIDENTS	64	20	320	6.6	4.7	26.0	14.1
- ALL OTHER ACCIDENTS	40	20	200	4.1	3.9	8.5	6.4
CEREBROVASCULAR DISEASE	55	63	87	5.7	5.6	1.6	1.3
COPD	42	37	114	4.3	4.9	1.6	1.2
INFLUENZA AND PNEUMONIA	26	32	81	2.7	3.4	1.5	0.8
SUICIDE	35	12	292	3.6	3.0	11.3	7.7
DIABETES	26	15	173	2.7	2.8	1.2	1.3
LIVER DISEASE - CIRRHOSIS	13	10	130	1.3	1.9	1.4	2.5
HOMICIDE	17	7	243	1.7	1.6	5.6	4.5
CERTAIN PERINATAL COND	12	9	133	1.2	1.0	0.4	0.1
NEPHRITIS NEPHROTIC SYND	13	8	163	1.3	1.0	0.3	0.3
CONGENITAL ANOMALIES	15	4	375	1.5	0.9	2.9	0.9
ATHEROSCLEROSIS	7	5	140	0.7	1.0	0.0	0.1
ALCOHOLISM	2	0	-	0.2	0.8	0.3	1.4
SEPTICEMIA	5	5	100	0.5	0.6	0.0	0.2
ALL OTHER CAUSES	147	130	113	15.1	14.2	12.7	9.5
TOTAL FOR ALL CAUSES	973	938	104	100.0	100.0	100.4	71.9

The SMR (Standard Mortality Ratio) is the ratio of the observed deaths to the expected deaths times 100. The number of expected deaths is derived using the national mortality as a standard and are age/sex adjusted. YPLL (Years of Potential Life Lost) rate is per 1,000 population with deaths and population specific to ages 1-64.

% OF TOTAL DEATHS 1987-1989

AGE	VALENCIA	N.M.
ALL	100.0	100.0
< 1	2.5	2.3
1- 4	0.3	0.6
5-14	1.1	0.7
15-24	4.5	3.1
25-34	5.8	4.4
35-44	5.2	4.7
45-54	7.1	6.0
55-64	11.6	12.3
65-74	20.8	21.3
75-84	26.1	25.9
85+	15.0	18.6

INFANT = < 1 year, NEONATAL = < 28 days, POSTNEONATAL = 28 days to < 1 year.

APPENDIX

TABLE A-1	New Mexico Population by City 1980 Census and 1988 Estimates	140
TABLE A-2	New Mexico Births Number by County of Residence 1974-1989	141
TABLE A-3	New Mexico Resident Live Births Percentage by Age of Mother, 1970, 1980, 1988, 1989	142
TABLE A-4	New Mexico Resident Fertility Rates and Age-Specific Birth Rates by County 1970, 1980, 1988, 1989	143
TABLE A-5	New Mexico Resident Live Births by Age of Mother Distribution by Live Birth Order 1989	144
TABLE A-6	New Mexico Births by County of Occurrence By Facility and Attendant 1989	146
TABLE A-7	New Mexico Births and Deaths By Place of Residence 1989	147
TABLE A-8	New Mexico Resident Mortality Rates By County, Sex, and Age 1987-1989	149
TABLE A-9	New Mexico Resident Deaths Number and Crude Death Rate by Cause 1989	151
TABLE A-10	New Mexico Residents, Selected Causes of Death by County 1989	152
TABLE A-11	New Mexico Residents, Selected Causes of Death by County Among Males 1989	153
TABLE A-12	New Mexico Residents, Selected Causes of Death by County Among Females 1989	154
TABLE A-13	Summary of Trends in New Mexico Health Statistics 1950-1989	155

TABLE A-1
NEW MEXICO
CITY POPULATION
1980 CENSUS AND 1988 ESTIMATES

CITY	COUNTY	1980 POPULATION	1988 POPULATION	% CHANGE 1980-1988
Alamogordo	Otero	24,024	28,520	18.7
Albuquerque	Bernalillo	331,767	378,480	14.1
Angel Fire	Colfax	68	80	17.6
Artesia	Eddy	10,385	10,790	3.9
Aztec	San Juan	5,512	7,070	28.3
Bayard	Grant	3,036	2,880	-5.1
Belen	Valencia	5,617	7,230	28.7
Bernalillo	Sandoval	3,012	3,900	29.5
Bloomfield	San Juan	4,881	6,550	34.2
Bosque Farms	Valencia	3,353	4,030	20.2
Capitan	Lincoln	762	990	29.9
Carlsbad	Eddy	25,496	26,240	2.9
Carrizozo	Lincoln	1,222	1,180	-3.4
Causey	Roosevelt	81	80	-1.2
Central	Grant	1,968	1,840	-6.5
Chama	Rio Arriba	1,090	1,070	-1.8
Cimarron	Colfax	888	770	-13.3
Clayton	Union	2,968	3,010	1.4
Cloudcroft	Otero	521	670	28.6
Clovis	Curry	31,194	33,720	8.1
Columbus	Luna	414	520	25.6
Corona	Lincoln	236	320	35.6
Corrales	Bernalillo/ Sandoval	2,791	4,560	63.4
Cuba	Sandoval	609	690	13.3
Deming	Luna	9,964	11,490	15.3
Des Moines	Union	178	140	-21.3
Dexter	Chaves	882	1,020	15.6
Dora	Roosevelt	168	190	13.1
Eagle Nest	Colfax	202	210	4.0
Elida	Roosevelt	202	190	-5.9
Encino	Torrance	155	220	41.9
Espanola	Santa Fe/ Rio Arriba	6,803	8,480	24.7
Estancia	Torrance	830	870	4.8
Eunice	Lea	2,970	2,920	-1.7
Farmington	San Juan	31,222	38,470	23.2
Floyd	Roosevelt	146	150	2.7
Folsom	Union	73	60	-17.8
Fort Sumner	De Baca	1,421	1,300	-8.5
Gallup	McKinley	18,161	21,830	20.2
Grady	Curry	122	130	6.6
Grants	Cibola	11,439	7,900	-30.9
Grenville	Union	39	30	-23.1
Hagerman	Chaves	936	820	-12.4
Hatch	Dona Ana	1,028	1,150	11.9
Hobbs	Lea	29,153	31,710	8.8
Hope	Eddy	111	140	26.1
House	Quay	117	120	2.6
Hurley	Grant	1,616	1,530	-5.3
Jal	Lea	2,675	2,410	-9.9
Jemez Springs	Sandoval	316	390	23.4
Lake Arthur	Chaves	327	460	40.7
Las Cruces	Dona Ana	45,086	56,000	24.2
Las Vegas	San Miguel	14,322	15,300	6.8
Logan	Quay	735	900	22.4
Lordsburg	Hidalgo	3,195	2,920	-8.6
Los Lunas	Valencia	3,525	8,080	129.2
Los Ranchos de Albuquerque	Bernalillo	2,702	3,370	24.7
Loving	Eddy	1,355	1,440	6.3
Lovington	Lea	9,727	10,670	9.7
Magdalena	Socorro	1,022	1,130	10.6
Maxwell	Colfax	316	320	1.3
Melrose	Curry	649	620	-4.5
Mesilla	Dona Ana	2,029	2,030	0.0
Milan	Cibola	3,747	2,290	-38.9
Moriarty	Torrance	1,276	1,860	45.8
Mosquero	Harding	197	170	-13.7
Mountainair	Torrance	1,170	1,200	2.6
Pecos	San Miguel	885	1,200	35.6
Portales	Roosevelt	9,940	10,050	1.1
Questa	Taos	1,202	1,070	-11.0
Raton	Colfax	8,225	8,040	-2.2
Red River	Taos	332	370	11.4
Reserve	Catron	439	510	16.2
Rio Rancho	Sandoval	9,985	33,740	237.9
Roswell	Chaves	39,676	43,230	9.0
Roy	Harding	381	320	-16.0
Ruidoso	Lincoln	4,260	5,090	19.5
Ruidoso Downs	Lincoln	949	1,190	25.4
San Jon	Quay	341	320	-6.2
Santa Fe	Santa Fe	48,953	59,300	21.1
Santa Rosa	Guadalupe	2,469	2,260	-8.5
San Ysidro	Sandoval	199	250	25.6
Silver City	Grant	9,887	11,240	13.7
Socorro	Socorro	7,173	7,860	9.6
Springer	Colfax	1,657	1,570	-5.3
Sunland Park	Dona Ana	4,313	6,190	43.5
Taos	Taos	3,369	3,610	7.2
Tatum	Lea	896	850	-5.1
Texico	Curry	958	920	-4.0
Tijeras	Bernalillo	311	450	44.7
Truth or Consequences	Sierra	5,219	6,110	17.1
Tucumcari	Quay	6,765	7,470	10.4
Tularosa	Otero	2,536	2,710	6.9
Vaughn	Guadalupe	737	660	-10.4
Virden	Hidalgo	246	240	-2.4
Wagon Mound	Mora	416	380	-8.7
Willard	Torrance	166	190	14.5
Williamsburg	Sierra	433	450	3.9

SOURCE: Bureau of the Census, Bureau of Business and Economic Research, University of New Mexico.

TABLE A-2
NEW MEXICO BIRTHS
BY COUNTY OF RESIDENCE
1974-1989
NUMBER OF BIRTHS BY COUNTY

	COUNTY	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	NEW MEXICO	21339	21078	22180	23100	23907	24821	26589	26565	27630	27508	27350	27449	27281	27246	26935	27265
	BERNALILLO	5995	5754	6073	6461	6750	7179	7699	7357	7674	7650	7785	7937	8074	8468	8157	8126
	CIBOLA*	*	*	*	*	*	*	*	*	661	574	533	525	449	493	490	511
	MCKINLEY	1403	1481	1551	1598	1607	1625	1661	1659	1722	1669	1670	1720	1722	1802	1852	1916
	1 SANDOVAL	573	507	532	563	555	544	686	725	741	796	899	981	1058	1193	1183	1262
	SAN JUAN	1375	1512	1647	1788	1895	2089	2316	2422	2484	2315	2240	2228	2127	1911	1877	1909
	TORRANCE	94	106	93	103	105	109	130	127	126	146	136	136	144	148	125	129
	VALENCIA	854	889	1083	1226	1325	1339	1449	1313	622	595	630	629	666	695	675	756
H	COLFAX	235	193	201	219	206	221	239	218	248	250	212	256	205	203	190	186
E	HARDING	12	8	17	10	16	15	13	17	12	16	11	16	13	17	9	15
A	LOS ALAMOS	165	166	184	171	209	193	200	205	197	206	200	204	226	195	185	182
L	MORA	65	69	57	64	64	78	90	79	83	77	76	72	64	73	54	55
T	2 RIO ARRIBA	661	611	606	626	664	635	658	662	649	676	733	758	726	723	688	741
H	SAN MIGUEL	437	393	453	432	456	460	503	472	449	482	495	467	456	456	472	450
	SANTA FE	1059	991	1125	1165	1209	1233	1272	1293	1218	1366	1420	1449	1486	1451	1484	1459
D	TAOS	349	353	342	370	362	398	417	414	465	450	443	458	396	300	354	360
I	UNION	75	50	72	77	74	76	75	91	89	80	84	76	67	71	67	55
S																	
T	CATRON	24	27	47	55	39	45	49	41	40	37	30	34	43	31	37	31
R	DONA ANA	1557	1559	1580	1595	1584	1697	1839	1947	1992	2112	2283	2140	2252	2399	2518	2702
I	GRANT	490	495	478	514	512	546	548	598	546	464	470	515	443	456	420	413
C	3 HIDALGO	133	142	149	144	148	130	139	112	142	144	136	107	105	107	92	103
T	LUNA	276	305	283	292	230	297	296	295	325	296	291	302	268	306	286	292
S	OTERO	974	941	1006	974	999	944	931	985	1069	1163	1087	1114	1177	1096	1115	1063
	SIERRA	85	92	100	108	72	99	91	104	96	128	95	98	104	100	115	111
	SOCORRO	199	227	214	244	252	237	247	275	231	277	240	248	235	263	261	242
	CHAVES	792	676	742	880	847	922	1007	990	1138	1173	1060	1012	1000	891	907	956
	CURRY	1003	966	970	969	995	970	966	905	928	904	980	893	878	912	875	838
	DE BACA	24	32	26	31	33	42	41	35	40	42	38	36	28	28	33	25
	EDDY	694	779	823	834	891	861	982	965	1161	1019	930	885	876	738	738	769
	4 GUADALUPE	79	69	78	75	90	72	95	85	89	92	78	78	70	65	83	58
	LEA	1030	1097	1076	924	1113	1145	1312	1510	1623	1596	1368	1367	1225	1032	1013	945
	LINCOLN	167	146	158	184	151	167	169	216	239	254	246	246	244	205	166	180
	QUAY	186	171	156	156	178	180	179	157	201	165	183	176	167	149	153	145
	ROOSEVELT	274	271	258	248	276	273	290	291	330	294	268	286	287	269	261	280

*Prior to 1982, Cibola County data were included in Valencia County.

TABLE A-3
NEW MEXICO RESIDENT LIVE BIRTHS PERCENTAGES BY AGE OF MOTHER
1970, 1980, 1988, 1989

COUNTY		TOTAL	PERCENTAGE DISTRIBUTION BY AGE OF MOTHER						
			< 15	15-17	18-19	20-24	25-29	30-34	35+
NEW MEXICO	1970	22,004	.2	5.6	12.7	38.6	23.9	11.6	7.4
	1980	26,589	.2	6.5	11.4	35.9	27.6	13.8	4.6
	1988	26,935	.2	5.6	9.9	30.0	29.0	17.7	7.6
	1989	27,265	.2	5.7	9.7	29.5	29.1	17.7	8.0
DISTRICT I									
BERNALILLO	1970	6,448	.2	5.5	12.2	38.2	27.0	10.8	6.2
	1980	7,699	.2	5.6	10.1	33.4	30.9	16.0	3.8
	1988	8,157	.2	5.3	8.4	28.5	29.8	19.8	8.0
	1989	8,126	.3	4.8	8.3	27.8	30.5	19.9	8.5
CIBOLA	1970	Cibola County included in Valencia County							
	1980	prior to 1982.							
	1988	490	.4	8.6	11.2	34.5	25.9	13.9	5.5
	1989	511	.8	7.6	14.1	31.5	24.3	12.5	9.2
MCKINLEY	1970	1,340	.1	4.3	12.5	35.6	21.9	15.4	10.3
	1980	1,661	.5	8.0	12.2	36.1	24.7	12.5	6.0
	1988	1,852	.3	6.2	10.4	30.6	26.2	17.2	9.0
	1989	1,916	.2	5.9	9.3	30.7	27.6	17.6	8.6
SANDOVAL	1970	448	.4	7.6	10.0	32.6	24.3	13.6	11.4
	1980	686	.3	7.6	10.2	29.4	29.7	16.9	5.8
	1988	1,183	.1	3.5	6.7	26.3	34.0	22.0	7.5
	1989	1,262	.2	2.9	5.9	25.4	33.9	23.4	8.3
SAN JUAN	1970	1,343	.1	4.9	10.9	36.2	26.2	12.9	8.7
	1980	2,316	.3	6.6	12.2	38.9	26.3	11.1	4.6
	1988	1,877	.4	4.7	9.4	30.5	29.2	17.5	8.3
	1989	1,909	.2	5.8	10.2	28.7	28.9	16.8	9.5
TORRANCE	1970	87	--	12.6	10.3	36.8	14.9	11.5	13.8
	1980	130	.8	3.8	15.4	32.3	28.5	12.3	6.9
	1988	125	--	4.8	9.6	25.6	36.0	16.0	8.0
	1989	129	.8	7.8	10.9	27.1	25.6	20.9	7.0
VALENCIA	1970	920	.1	5.0	13.0	38.2	23.5	11.2	9.0
	1980	1,449	.2	7.9	11.0	38.1	25.3	13.0	4.5
	1988	675	.4	6.2	7.9	32.6	31.0	16.4	5.5
	1989	756	.4	7.3	10.7	27!8	29.1	17.5	7.3
DISTRICT II									
COLFAX	1970	213	--	5.2	15.5	35.7	25.8	11.3	6.6
	1980	239	--	6.3	12.6	37.7	27.6	10.0	5.9
	1988	190	--	10.5	13.2	27.4	27.4	13.7	7.9
	1989	186	--	7.5	12.4	29.0	28.0	16.7	6.5
HARDING	1970	16	--	--	12.5	43.8	25.0	6.3	12.5
	1980	13	--	--	--	53.8	38.5	7.7	--
	1988	9	--	--	11.1	11.1	44.4	33.3	--
	1989	15	--	--	6.7	26.7	33.3	26.7	6.7
LOS ALAMOS	1970	217	--	2.8	4.6	28.6	37.3	18.0	8.8
	1980	200	--	3.0	4.5	20.0	34.0	28.0	10.5
	1988	185	--	.5	1.6	15.1	34.1	31.9	16.8
	1989	182	--	2.2	1.1	13.7	32.4	33.5	17.0
MORA	1970	81	--	7.4	14.8	44.4	12.3	12.3	8.6
	1980	90	1.1	12.2	13.3	26.7	27.8	14.4	4.4
	1988	54	3.7	7.4	16.7	27.8	20.4	13.0	11.1
	1989	55	--	7.3	9.1	23.6	38.2	14.5	7.3
RIO ARRIBA	1970	661	.2	4.2	11.3	36.8	23.0	13.9	10.6
	1980	658	.6	7.8	12.8	35.3	25.2	12.5	5.9
	1988	688	.1	7.1	10.3	30.4	28.2	17.9	6.0
	1989	741	.3	5.7	12.3	29.7	28.9	17.1	6.1
SAN MIGUEL	1970	466	.2	6.9	13.1	42.1	20.6	9.4	7.7
	1980	503	.2	8.3	9.9	37.0	25.4	14.7	4.4
	1988	472	--	7.4	12.7	30.5	27.1	16.5	5.7
	1989	450	.4	6.2	9.3	30.2	27.8	16.9	9.1
SANTA FE	1970	1,102	.1	4.6	12.0	36.0	24.5	13.3	9.2
	1980	1,272	.1	5.5	9.0	27.8	32.4	17.9	7.3
	1988	1,484	--	3.8	9.3	24.0	27.2	22.6	13.1
	1989	1,459	--	5.0	8.8	24.2	29.1	19.3	13.6
TAOS	1970	404	--	5.9	10.9	37.1	22.3	10.9	12.9
	1980	417	--	5.3	12.0	29.7	29.0	18.9	5.0
	1988	354	.6	6.8	5.9	25.1	24.6	23.7	13.3
	1989	360	.3	6.7	10.0	21.7	25.3	21.9	14.2
UNION	1970	84	--	3.6	9.5	44.0	26.2	10.7	6.0
	1980	75	--	8.0	13.3	33.3	24.0	16.0	5.3
	1988	67	--	7.5	14.9	29.9	31.3	11.9	4.5
	1989	55	--	10.9	9.1	30.9	29.1	16.4	3.6

COUNTY		TOTAL	PERCENTAGE DISTRIBUTION BY AGE OF MOTHER						
			< 15	15-17	18-19	20-24	25-29	30-34	35+
DISTRICT III									
CATRON	1970	33	--	6.1	12.1	36.4	30.3	9.1	6.1
	1980	49	--	8.2	14.3	32.7	26.5	14.3	4.1
	1988	37	--	2.7	10.8	29.7	29.7	16.2	10.8
	1989	31	--	--	3.2	32.3	35.5	19.4	9.7
DONA ANA	1970	1,666	.1	4.1	11.8	37.7	23.5	13.6	9.3
	1980	1,839	.2	4.1	10.5	36.4	29.4	14.0	5.4
	1988	2,518	.2	5.6	9.8	30.1	30.1	17.3	6.9
	1989	2,702	.2	5.6	9.4	30.8	28.1	18.9	7.0
GRANT	1970	512	.2	4.9	12.1	41.2	24.0	11.1	6.4
	1980	548	.2	5.8	12.8	37.4	22.8	16.6	4.4
	1988	420	--	5.7	12.9	30.5	31.9	11.2	7.9
	1989	413	.2	6.3	14.3	33.2	25.7	11.9	8.5
HIDALGO	1970	111	--	6.3	8.1	40.5	27.0	6.3	11.7
	1980	139	--	6.5	9.4	44.6	24.5	12.9	2.2
	1988	92	--	5.4	7.6	26.1	45.7	8.7	6.5
	1989	103	--	3.9	13.6	33.0	28.2	17.5	3.9
LUNA	1970	238	--	8.0	10.9	35.7	21.8	15.5	8.0
	1980	296	.3	7.8	13.9	41.6	16.9	14.2	5.4
	1988	286	.3	5.6	15.4	32.2	25.9	15.0	5.6
	1989	292	1.4	10.3	11.3	34.2	26.4	11.6	4.8
OTERO	1970	977	.2	4.6	12.0	44.1	22.6	11.8	4.7
	1980	931	--	5.6	11.1	41.2	27.5	10.8	3.8
	1988	1,115	.3	4.3	9.7	37.4	30.0	13.3	5.0
	1989	1,063	.1	4.6	9.0	37.3	29.9	14.5	4.5
SIERRA	1970	70	--	10.0	7.1	32.9	30.0	11.4	8.6
	1980	91	--	7.7	16.5	39.6	28.6	4.4	3.3
	1988	115	--	5.2	13.9	36.5	20.9	17.4	6.1
	1989	111	--	6.3	15.3	30.6	27.9	14.4	5.4
SOCORRO	1970	258	.4	4.3	16.3	31.4	23.6	13.6	10.5
	1980	247	.4	8.5	13.4	35.2	24.7	12.1	5.7
	1988	261	.8	5.7	11.5	27.6	32.6	12.6	9.2
	1989	242	.8	14.0	13.2	28.9	20.7	16.1	6.2
DISTRICT IV									
CHAVES	1970	804	.1	8.6	15.3	36.9	22.6	10.9	5.5
	1980	1,007	.8	7.5	11.8	36.7	24.8	12.7	5.6
	1988	907	.1	8.5	11.7	33.3	24.9	15.1	6.4
	1989	956	.4	7.8	12.6	33.8	27.4	12.7	5.3
CURRY	1970	1,018	.1	4.6	14.7	46.4	19.4	9.9	4.8
	1980	966	.5	6.0	15.1	43.6	21.3	10.1	3.3
	1988	875	.2	5.8	12.8	35.9	31.4	10.2	3.7
	1989	838	.2	5.7	12.3	37.9	27.7	11.7	4.4
DE BACA	1970	33	--	12.1	9.1	30.3	21.2	18.2	9.1
	1980	41	--	4.9	14.6	36.6	24.4	12.2	7.3
	1988	33	--	3.0	12.1	36.4	27.3	18.2	3.0
	1989	25	4.0	12.0	12.0	32.0	28.0	4.0	8.0
EDDY	1970	775	.1	9.4	16.3	39.5	18.8	9.0	6.8
	1980	982	.1	8.7	12.6	38.4	26.8	9.9	3.6
	1988	738	.5	7.6	14.8	32.1	23.8	16.0	5.1
	1989	769	--	7.5	13.3	30.4	30.0	12.7	6.0
GUADALUPE	1970	96	--	9.4	13.5	34.4	14.6	13.5	14.6
	1980	95	--	6.3	23.2	31.6	20.0	11.6	7.4
	1988	83	--	8.4	19.3	30.1	14.5	21.7	6.0
	1989	58	--	5.2	15.5	25.9	24.1	17.2	12.1
LEA	1970	980	.3	9.0	15.9	42.9	19.3	8.0	4.7
	1980	1,312	.1	8.1	13.6	43.0	22.5	9.2	3.6
	1988	1,013	.1	7.2	13.5	32.9	28.3	14.5	3.5
	1989	945	.2	8.5	12.9	33.8	26.8	13.8	4.1
LINCOLN	1970	124	--	4.8	15.3	41.1	22.6	11.3	4.8
	1980	169	--	7.7	9.5	32.5	32.5	14.2	3.6
	1988	166	--	3.0	9.0	33.7	26.5	15.7	12.0
	1989	180	--	6.1	11.1	26.7	35.6	15.3	7.2
QUAY	1970	189	.5	9.0	15.9	39.2	19.6	10.6	5.3
	1980	179	1.1	8.4	17.9	34.1	26.8	9.5	2.2
	1988	153	--	8.5	13.1	33.3	25.5	11.1	8.5
	1989	145	--	9.0	11.7	33.1	29.7	13.1	3.4
ROOSEVELT	1970	290	.7	5.2	18.6	48.6	18.6	3.4	4.8
	1980	290	1.0	6.9	17.2	39.7	22.4	10.3	2.4
	1988	261	.4	8.4	13.8	36.8	26.8	10.3	3.4
	1989	280	--	6.8	11.8	38.6	25.4	12.5	5.0

TABLE A-4
NEW MEXICO RESIDENT FERTILITY RATES
BIRTH RATES BY AGE OF MOTHER BY COUNTY 1970, 1980, 1988, 1989

COUNTY	FERTILITY RATE (a)	BIRTH RATES BY AGE GROUP (b)								
			15-19							
		10-14	TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-49
NEW MEXICO:										
1970	100.8	.6	76.7	37.2	145.8	201.9	157.7	82.3	41.1	7.0
1980	85.4	1.2	72.8	43.9	115.9	151.8	126.9	72.5	25.0	3.5
1988	76.6	1.1	73.3	44.8	115.2	133.2	120.5	76.1	30.1	3.5
1989	76.2	1.1	74.9	47.8	112.1	138.3	119.6	73.5	30.7	3.5
BERNALILLO:										
1970	89.4	.7	69.0	34.9	122.9	166.7	149.1	69.7	31.8	4.6
1980	71.6	.7	58.0	35.9	88.5	114.8	113.4	68.2	17.7	2.1
1988	65.6	1.2	66.1	43.1	98.9	114.7	100.7	66.9	26.8	2.7
1989	64.1	1.4	62.7	40.0	93.1	114.3	101.5	64.6	26.9	2.8
CIBOLA:										
1970										
1980	(Prior to 1982, Cibola County Data is included in Valencia County)									
1988	108.8	1.7	101.5	71.8	148.2	234.4	234.3	95.2	25.8	3.4
1989	111.2	5.1	166.7	102.1	253.5	245.1	172.0	64.7	43.6	6.1
MCKINLEY:										
1970	142.2	.3	95.2	36.2	214.4	269.3	187.6	147.2	79.0	19.9
1980	118.7	2.7	101.3	63.9	164.4	207.8	157.9	100.0	48.0	8.1
1988	116.3	1.9	105.5	65.0	167.0	191.4	158.8	117.5	60.6	7.2
1989	117.6	.9	94.0	60.9	144.0	211.1	170.8	115.9	55.1	8.5
1 SANDOVAL:										
1970	127.7	1.7	85.2	54.9	146.1	225.7	206.0	124.2	78.5	15.3
1980	86.7	1.2	73.1	48.6	117.1	148.0	142.5	80.2	27.9	6.0
1988	88.0	.4	50.2	30.2	76.6	143.5	189.9	111.6	30.9	4.0
1989	89.0	.8	46.1	27.8	68.1	148.1	193.8	115.8	34.8	3.6
SAN JUAN:										
1970	118.0	.5	75.5	33.4	173.6	254.7	204.3	102.1	52.9	9.5
1980	113.2	1.5	101.9	57.8	172.4	223.3	166.5	84.3	33.7	6.6
1988	94.1	1.7	73.3	39.7	126.9	166.7	150.5	91.5	41.5	6.1
1989	99.4	.7	90.3	54.9	141.6	175.1	162.5	91.3	47.1	6.7
TORRANCE:										
1970	91.2	--	73.8	57.6	112.5	200.0	100.8	82.0	58.8	11.5
1980	84.8	2.8	82.2	26.0	178.6	165.4	131.7	56.9	34.1	5.4
1988	60.5	--	43.9	26.5	65.2	96.1	150.5	56.0	24.9	1.8
1989	58.6	2.3	56.9	38.6	85.9	86.0	85.9	75.4	18.4	5.4
VALENCIA:										
1970	107.9	.4	80.1	33.5	171.9	230.9	158.1	78.4	58.4	7.4
1980	101.2	1.0	88.3	56.8	146.0	194.2	138.0	81.7	27.5	5.0
1988	74.3	2.0	57.9	41.9	83.2	134.1	134.1	72.3	20.1	3.5
1989	72.0	1.6	75.6	53.3	105.5	119.9	115.9	67.0	26.8	3.5
COLFAX:										
1970	100.8	--	88.9	31.6	224.5	216.5	170.8	89.6	35.4	4.2
1980	85.8	--	76.5	39.6	143.5	171.8	126.7	52.3	33.3	1.7
1988	67.0	--	89.3	63.7	131.6	103.2	111.6	55.8	25.8	3.9
1989	67.8	--	75.2	47.3	117.3	115.1	110.2	71.9	23.0	2.3
HARDING:										
1970	69.6	--	29.9	--	166.7	200.0	148.1	47.6	27.0	12.2
1980	69.1	--	--	--	--	250.0	142.9	24.4	--	--
1988	61.6	--	41.7	--	83.3	38.5	190.5	176.5	--	--
1989	91.5	--	40.0	--	90.9	133.3	156.3	200.0	--	22.2
LOS ALAMOS:										
1970	65.1	--	23.2	10.5	83.3	192.5	157.6	68.2	23.4	3.9
1980	49.7	--	19.9	8.9	46.6	96.6	119.5	77.0	24.3	--
1988	45.3	--	5.2	2.3	9.0	35.6	105.7	118.0	40.7	2.6
1989	44.4	--	9.6	11.8	6.9	39.4	85.4	98.1	40.2	1.2
MORA:										
1970	102.4	--	69.7	32.8	146.3	238.4	109.9	117.6	55.6	4.7
1980	111.7	4.8	100.0	70.1	164.4	200.0	174.8	97.7	43.5	--
1988	65.9	13.8	89.0	45.5	155.2	105.6	84.0	58.3	28.2	10.5
1989	62.4	--	57.3	64.0	75.8	72.6	108.2	63.5	30.5	--
2 RIO ARRIBA:										
1970	130.0	.6	72.0	31.1	170.8	260.5	207.1	128.1	67.4	18.4
1980	95.9	2.8	82.8	47.5	150.8	176.3	143.4	76.5	38.5	4.3
1988	90.5	.7	87.8	59.4	131.2	144.5	131.6	99.8	30.2	4.0
1989	97.4	1.4	98.5	51.5	170.4	164.3	148.4	104.4	32.6	3.6
SAN MIGUEL:										
1970	103.2	.8	70.8	44.7	102.0	186.7	157.9	82.6	44.5	13.9
1980	94.2	1.0	70.3	55.4	90.7	172.0	141.6	90.0	29.9	2.9
1988	76.6	--	92.2	57.9	140.8	114.4	101.1	80.8	21.1	6.4
1989	71.8	2.1	54.6	38.3	76.4	104.8	110.8	85.4	33.1	8.7
SANTA FE:										
1970	98.3	.3	70.5	29.8	149.5	195.3	156.1	85.3	47.8	9.1
1980	67.9	.3	52.3	32.1	84.9	113.2	112.8	63.2	29.3	3.8
1988	66.0	--	58.8	29.2	100.8	100.2	107.1	83.4	38.9	4.8
1989	61.6	--	61.2	38.5	91.9	101.6	103.9	65.4	38.3	3.5
TAOS:										
1970	114.2	--	70.5	36.7	141.5	235.5	168.5	87.3	90.3	12.3
1980	91.8	--	77.2	35.5	159.7	174.4	140.7	90.9	24.9	5.2
1988	68.8	2.3	52.0	47.3	58.5	115.6	113.0	94.7	43.2	2.2
1989	69.8	1.2	76.2	55.6	101.4	118.7	122.8	84.9	37.4	5.9
UNION:										
1970	96.3	--	50.9	18.4	150.9	296.0	178.9	73.8	39.1	--
1980	81.3	--	70.8	36.8	158.7	173.6	123.3	82.8	14.3	8.5
1988	70.0	--	85.2	47.2	142.9	111.1	123.5	53.0	21.0	--
1989	58.9	--	64.3	69.8	58.8	93.9	88.4	70.9	7.1	3.8
CATRON:										
1970	85.7	--	67.4	29.4	166.7	200.0	144.9	60.0	40.0	--
1980	88.3	--	83.3	47.8	145.8	238.8	122.6	74.5	22.2	--
1988	62.6	--	50.0	17.2	95.2	97.3	110.0	70.6	29.4	5.9
1989	52.5	--	10.4	--	28.6	87.7	96.5	81.1	20.0	5.7
DONA ANA:										
1970	104.0	.2	67.5	31.0	115.1	171.2	163.7	105.8	57.2	10.8
1980	75.4	.9	47.5	26.7	68.5	110.9	130.8	75.9	30.1	4.0
1988	79.2	.7	65.7	40.3	102.2	112.4	113.6	86.0	39.8	2.9
1989	84.7	.9	70.9	45.3	106.6	131.3	111.8	92.1	40.5	4.4
GRANT:										
1970	111.4	.8	77.7	37.9	134.8	223.8	171.5	99.1	34.7	8.6
1980	94.8	.8	78.9	40.2	141.1	194.3	122.8	91.1	24.0	4.0
1988	69.4	--	76.3	40.3	126.8	114.2	128.8	47.9	23.4	6.2
1989	67.4	.9	81.3	42.9	134.4	122.8	93.9	50.8	31.0	3.1
3 HIDALGO:										
1970	124.3	--	74.4	47.3	134.3	306.1	208.3	54.7	92.4	7.7
1980	104.5	--	71.7	43.1	132.7	247.0	148.5	81.4	18.4	--
1988	69.7	--	46.3	34.0	62.5	96.8	190.0	41.7	19.9	5.5
1989	79.3	--	77.6	29.6	144.3	134.9	116.9	95.7	22.5	--
LUNA:										
1970	106.9	--	78.7	48.7	142.9	234.2	181.8	117.1	42.0	6.2
1980	102.1	1.5	96.2	51.6	187.2	236.1	114.2	89.9	30.5	5.1
1988	92.3	1.5	104.3	46.0	193.8	160.0	154.5	90.0	27.2	3.2
1989	91.5	6.3	100.6	81.7	127.4	172.1	144.5	72.2	22.9	3.2
OTERO:										
1970	108.4	.8	88.1	36.3	194.7	251.5	152.0	75.9	24.3	5.6
1980	86.9	--	69.4	38.1	118.3	174.1	127.2	60.6	20.4	3.0
1988	94.1	1.6	81.3	41.5	141.5	195.0	150.8	72.9	24.3	3.4
1989	88.8	.6	83.7	48.3	133.7	206.3	129.2	67.5	20.1	2.9
SIERRA:										
1970	67.3	--	49.6	40.7	71.4	153.3	116.8	54.8	33.8	2.8
1980	74.7	--	83.7	38.6	180.7	175.6	148.6	20.6	15.5	--
1988	86.1	--	82.4	39.0	141.6	159.7	117.1	114.9	31.9	2.1
1989	82.7	--	94.1	55.6	131.8	123.2	142.2	88.4	33.3	--
SOCORRO:										
1970	131.8	1.8	105.6	37.2	203.9	210.4	213.3	135.1	66.4	16.6
1980	89.0	1.8	87.0	59.7	122.7	141.4	123.5	76.2	23.5	10.7
1988	78.5	3.2	71.4	40.0	117.6	116.9	134.9	61.8	45.7	5.1
1989	75.9	3.2	116.4	103.3	134.5	125.9	87.0	72.2	23.3	3.8
CHAVES:										
1970	92.2	.4	87.3	47.1	167.6	209.9	146.7	68.9	30.4	2.3
1980	94.4	3.9	80.0	51.8	125.9	184.3	133.1	76.7	31.5	5.4
1988	78.7	.5	93.7	66.0	134.7	143.3	107.4	71.5	27.5	2.4
1989	85.4	2.1	108.6	72.3	158.1	169.4	127.6	64.3	21.9	3.1
CURRY:										
1970	123.4	.4	113.5	42.8	235.1	258.9	155.8	76.3	32.1	5.3
1980	100.1	2.8	104.1	48.5	191.1	205.7	115.0	66.3	22.9	2.0
1988	93.8	1.2	102.2	53.0	177.2	206.3	170.0	52.6	17.4	2.2
1989	93.0	1.2	96.1	51.1	163.0	229.9	162.5	60.6	18.6	2.9
DE BACA:										
1970	82.1	--	72.9	53.3	136.4	200.0	114.8	107.1	43.5	--
1980	93.0	--	77.7	30.3	162.2	223.9	131.6	75.8	27.4	7.9
1988	88.5	--	74.6	27.0	133.3	162.2	136.4	113.2	17.9	--
1989	63.1	25.0	113.2	103.4	125.0	95.2	76.9	16.1	35.1	--
EDDY:										
1970	94.0	.4	89.8	48.6	176.3	233.8	131.4	64.9	33.2	4.7
1980	96.9	.5	95.6	63.4	146.7	188.6	134.9	63.0	23.4	2.1
1988	71.5	2.1	90.1	51.1	148.1	130.8	98.2	67.9	19.9	1.9
1989	77.7	--	89.5	54.7	140.5	146.3	141.4	58.7	25.5	1.1
4 GUADALUPE:										
1970	107.6	--	91.3	50.8	203.1	217.1	116.7	102.4	58.0	26.7
1980	95.8	--	101.4	35.5	205.6	167.6	119.5	78.6	53.6	4.1
1988	106.0	--	152.3	90.9	216.2	193.8	94.5	142.9	23.3	8.0
1989	76.6	--	106.2	52.6	160.7	88.2	82.8	105.3	57.1	5.2
LEA:										
1970	89.5	1.0	94.0	50.8	181.0	246.8	122.2	49.1	20.4	3.4
1980	105.8	.4	110.9	67.2	181.0	218.4	126.7	62.6	25.0	3.1
1988	81.7	.4	95.1	54.2	158.9	179.5	134.1	61.1	13.3	2.2
1989	73.7	.7	86.5	57.8	128.6	200.4	120.9	49.0	14.9	1.1
LINCOLN:										
1970	88.6	--	73.3	24.8	191.9	210.7	123.3	72.5	34.1	--
1980	72.6	--	67.9	44.1	121.2	154.5	113.9	55.0	13.9	1.8
1988	55.9	--	41.8	16.9	81.5	132.7	104.0	50.2	27.8	4.3
1989	62.4	--	68.7	44.0	99.5	114.3	146.8	50.2	17.1	3.2
QUAY:										
1970	95.8	1.7	92.3	52.8	160.4	218.3	125.3	70.7	40.0	--
1980	85.1	4.4	104.7	48.5	228.6	182.6	133.7	47.6	13.2	--
1988	83.7	--	95.4	62.2	146.0	220.8	168.8	52.0	28.6	3.1
1989	67.9	--	86.0	66.0	111.8	137.9	107.8	56.4	13.9	--
ROOSEVELT:										
1970	76.7	2.7	59.5	34.2	74.8	125.8	133.0	28.5	26.5	5.3
1980	75.3	5.3	69.0	47.5	84.2	108.5	117.5	84.9	16.1	1.6
1988	66.8	1.8	105.8	64.9	172.2	129.0	77.7	35.4	16.4	1.2
1989	71.8	--	77.5	49.4	115.4	149.8	82.8	44.5	28.1	1.3

New Mexico rates based on 1970 and 1980 Census figures, 1988 and 1989 total state and county population estimates furnished by the Bureau of the Census, with the age/sex distributions for these years interpolated from 1985 and 1990 BBER Population Projections.

(a) Births Per 1,000 Women Ages 15-44

(b) Also referred to as Age-Specific Fertility Rates.
Birth rates by age group per 1,000 women in each age group.

TABLE A-5
NEW MEXICO RESIDENTS
LIVE BIRTHS BY AGE OF MOTHER
1989
Percentage Distribution By Live Birth Order

COUNTY	TOTAL BIRTHS	LIVE BIRTH ORDER 1	2	3	4	5+
DISTRICT I						
BERNALILLO COUNTY	8126	41.8	33.4	16.2	5.7	2.9
< 15	24	100.0	0.0	0.0	0.0	0.0
15-17	387	86.3	12.4	1.3	0.0	0.0
18-19	673	69.7	24.1	5.1	1.2	0.0
(15-19)	(1060)	(75.8)	(19.8)	(3.7)	(0.8)	(0.0)
20-24	2258	45.2	35.7	14.3	3.9	1.0
25-29	2477	36.7	35.9	19.1	5.9	2.3
30-34	1614	30.5	36.7	18.9	8.8	5.0
35-39	602	22.4	31.7	26.1	11.1	8.6
40+	91	14.3	29.7	19.8	14.3	22.0
CIBOLA COUNTY	511	36.2	27.0	20.0	9.4	7.4
< 15	4	100.0	0.0	0.0	0.0	0.0
15-17	39	94.9	5.1	0.0	0.0	0.0
18-19	72	66.7	27.8	5.6	0.0	0.0
(15-19)	(111)	(76.6)	(19.8)	(3.6)	(0.0)	(0.0)
20-24	161	32.9	39.8	22.4	3.7	1.2
25-29	124	22.6	29.8	21.0	16.1	10.5
30-34	64	14.1	15.6	39.1	18.8	12.5
35-39	40	15.0	12.5	22.5	20.0	30.0
40+	7	0.0	0.0	28.6	28.6	42.9
MCKINLEY COUNTY	1916	26.0	23.7	21.0	12.1	17.1
< 15	3	66.7	33.3	0.0	0.0	0.0
15-17	114	87.7	11.4	0.9	0.0	0.0
18-19	179	64.2	22.9	11.7	1.1	0.0
(15-19)	(293)	(73.4)	(18.4)	(7.5)	(0.7)	(0.0)
20-24	589	28.2	36.2	21.7	9.2	4.8
25-29	529	14.6	25.1	28.2	15.5	16.6
30-34	337	8.3	12.2	26.1	22.0	31.5
35-39	135	8.1	8.9	11.9	11.1	60.0
40+	30	0.0	3.3	0.0	16.7	80.0
SANDOVAL COUNTY	1262	32.5	34.0	18.8	7.3	7.4
< 15	2	100.0	0.0	0.0	0.0	0.0
15-17	37	89.2	10.8	0.0	0.0	0.0
18-19	75	73.3	22.7	4.0	0.0	0.0
(15-19)	(112)	(78.6)	(18.8)	(2.7)	(0.0)	(0.0)
20-24	320	35.9	41.6	15.9	4.1	2.5
25-29	428	27.3	39.0	21.7	7.7	4.2
30-34	295	25.8	27.5	23.4	10.8	12.5
35-39	90	13.3	27.8	18.9	14.4	25.6
40+	15	0.0	13.3	26.7	6.7	53.3
SAN JUAN COUNTY	1909	30.8	27.7	19.0	12.5	10.1
< 15	3	100.0	0.0	0.0	0.0	0.0
15-17	110	90.0	10.0	0.0	0.0	0.0
18-19	195	70.3	26.7	3.1	0.0	0.0
(15-19)	(305)	(77.4)	(20.7)	(2.0)	(0.0)	(0.0)
20-24	548	35.4	37.4	18.8	6.9	1.5
25-29	551	18.9	28.1	26.1	18.0	8.9
30-34	320	12.2	23.8	22.8	18.4	22.8
35-39	151	5.3	17.9	22.5	24.5	29.8
40+	31	12.9	9.7	6.5	16.1	54.8
TORRANCE COUNTY	129	38.0	25.6	25.6	7.8	3.1
< 15	1	100.0	0.0	0.0	0.0	0.0
15-17	10	100.0	0.0	0.0	0.0	0.0
18-19	14	64.3	28.6	7.1	0.0	0.0
(15-19)	(24)	(79.2)	(16.7)	(4.2)	(0.0)	(0.0)
20-24	35	57.1	25.7	14.3	2.9	0.0
25-29	33	12.1	36.4	39.4	6.1	6.1
30-34	27	18.5	29.6	37.0	7.4	7.4
35-39	6	0.0	0.0	50.0	50.0	0.0
40+	3	0.0	0.0	33.3	66.7	0.0
VALENCIA COUNTY	756	38.6	31.7	17.6	8.3	3.7
< 15	3	100.0	0.0	0.0	0.0	0.0
15-17	55	89.1	10.9	0.0	0.0	0.0
18-19	81	77.8	17.3	3.7	1.2	0.0
(15-19)	(136)	(82.4)	(14.7)	(2.2)	(0.7)	(0.0)
20-24	210	41.9	35.2	14.3	7.6	1.0
25-29	220	25.5	40.0	22.3	8.6	3.6
30-34	132	18.9	34.8	27.3	12.1	6.8
35-39	46	17.4	19.6	26.1	19.6	17.4
40+	9	0.0	33.3	33.3	22.2	11.1
DISTRICT II						
COLFAX COUNTY	186	41.4	31.7	18.8	4.3	3.8
< 15	0	--	--	--	--	--
15-17	14	92.9	7.1	0.0	0.0	0.0
18-19	23	56.5	43.5	0.0	0.0	0.0
(15-19)	(37)	(70.3)	(29.7)	(0.0)	(0.0)	(0.0)
20-24	54	50.0	37.0	9.3	1.9	1.9
25-29	52	38.5	28.8	25.0	3.8	3.8
30-34	31	12.9	32.3	38.7	6.5	9.7
35-39	10	0.0	30.0	40.0	30.0	0.0
40+	2	0.0	0.0	50.0	0.0	50.0

COUNTY	TOTAL BIRTHS	LIVE BIRTH ORDER 1	2	3	4	5+
DISTRICT II						
HARDING COUNTY	15	60.0	13.3	6.7	13.3	6.7
< 15	0	--	--	--	--	--
15-17	0	--	--	--	--	--
18-19	1	100.0	0.0	0.0	0.0	0.0
(15-19)	(1)	(100.0)	(0.0)	(0.0)	(0.0)	(0.0)
20-24	4	100.0	0.0	0.0	0.0	0.0
25-29	5	60.0	40.0	0.0	0.0	0.0
30-34	4	0.0	0.0	25.0	50.0	25.0
35-39	0	--	--	--	--	--
40+	1	100.0	0.0	0.0	0.0	0.0
LOS ALAMOS COUNTY	182	33.5	42.3	16.5	5.5	2.2
< 15	0	--	--	--	--	--
15-17	4	100.0	0.0	0.0	0.0	0.0
18-19	2	100.0	0.0	0.0	0.0	0.0
(15-19)	(6)	(100.0)	(0.0)	(0.0)	(0.0)	(0.0)
20-24	25	68.0	24.0	8.0	0.0	0.0
25-29	59	32.2	50.8	11.9	3.4	1.7
30-34	61	21.3	44.3	26.2	6.6	1.6
35-39	29	20.7	48.3	17.2	10.3	3.4
40+	2	0.0	0.0	0.0	50.0	50.0
MORA COUNTY	55	12.7	50.9	23.6	7.3	5.5
< 15	0	--	--	--	--	--
15-17	4	50.0	50.0	0.0	0.0	0.0
18-19	5	40.0	60.0	0.0	0.0	0.0
(15-19)	(9)	(44.4)	(55.6)	(0.0)	(0.0)	(0.0)
20-24	13	15.4	46.2	38.5	0.0	0.0
25-29	21	0.0	66.7	23.8	9.5	0.0
30-34	8	12.5	12.5	37.5	25.0	12.5
35-39	4	0.0	50.0	0.0	0.0	50.0
40+	0	--	--	--	--	--
RIO ARRIBA COUNTY	741	39.9	32.3	15.0	7.2	5.7
< 15	2	100.0	0.0	0.0	0.0	0.0
15-17	42	100.0	0.0	0.0	0.0	0.0
18-19	91	76.9	22.0	1.1	0.0	0.0
(15-19)	(133)	(84.2)	(15.0)	(0.8)	(0.0)	(0.0)
20-24	220	40.9	37.7	14.5	5.0	1.8
25-29	214	25.2	38.8	22.9	8.9	4.2
30-34	127	21.3	34.6	14.2	13.4	16.5
35-39	38	21.1	21.1	28.9	10.5	18.4
40+	7	42.9	14.3	0.0	28.6	14.3
SAN MIGUEL COUNTY	450	36.4	28.9	18.9	8.7	7.1
< 15	2	100.0	0.0	0.0	0.0	0.0
15-17	28	89.3	10.7	0.0	0.0	0.0
18-19	42	73.8	16.7	9.5	0.0	0.0
(15-19)	(70)	(80.0)	(14.3)	(5.7)	(0.0)	(0.0)
20-24	136	46.3	32.4	13.2	5.1	2.9
25-29	125	21.6	40.0	26.4	6.4	5.6
30-34	76	17.1	21.1	26.3	17.1	18.4
35-39	29	10.3	27.6	31.0	20.7	10.3
40+	12	0.0	16.7	8.3	41.7	33.3
SANTA FE COUNTY	1459	40.4	34.1	16.4	6.6	2.5
< 15	0	--	--	--	--	--
15-17	73	93.2	5.5	1.4	0.0	0.0
18-19	129	73.6	23.3	2.3	0.0	0.8
(15-19)	(202)	(80.7)	(16.8)	(2.0)	(0.0)	(0.5)
20-24	353	42.2	38.0	14.4	5.1	0.3
25-29	425	32.0	37.4	20.5	7.3	2.8
30-34	281	28.5	38.4	18.9	9.3	5.0
35-39	174	30.5	31.0	23.6	10.9	4.0
40+	24	33.3	33.3	16.7	8.3	8.3
TAOS COUNTY	360	35.6	31.4	21.1	8.1	3.9
< 15	1	100.0	0.0	0.0	0.0	0.0
15-17	24	87.5	12.5	0.0	0.0	0.0
18-19	36	63.9	33.3	2.8	0.0	0.0
(15-19)	(60)	(73.3)	(25.0)	(1.7)	(0.0)	(0.0)
20-24	78	43.6	37.2	14.1	3.8	1.3
25-29	91	18.7	39.6	30.8	8.8	2.2
30-34	79	25.3	24.1	30.4	12.7	7.6
35-39	42	21.4	33.3	23.8	16.7	4.8
40+	9	33.3	0.0	22.2	11.1	33.3
UNION COUNTY	55	30.9	21.8	29.1	7.3	10.9
< 15	0	--	--	--	--	--
15-17	6	50.0	33.3	16.7	0.0	0.0
18-19	5	100.0	0.0	0.0	0.0	0.0
(15-19)	(11)	(72.7)	(18.2)	(9.1)	(0.0)	(0.0)
20-24	17	35.3	23.5	35.3	0.0	5.9
25-29	16	18.8	31.3	25.0	18.8	6.3
30-34	9	0.0	0.0	55.6	11.1	33.3
35-39	1	0.0	0.0	0.0	0.0	100.0
40+	1	0.0	100.0	0.0	0.0	0.0

TABLE A-5
NEW MEXICO RESIDENTS
LIVE BIRTHS BY AGE OF MOTHER
1989
Percentage Distribution By Live Birth Order

COUNTY	TOTAL BIRTHS	LIVE BIRTH ORDER 1	2	3	4	5+
DISTRICT III						
CATRON COUNTY	31	29.0	35.5	22.6	6.5	6.5
< 15	0	--	--	--	--	--
15-17	0	--	--	--	--	--
18-19	1	0.0	100.0	0.0	0.0	0.0
(15-19)	(1)	(0.0)	(100.0)	(0.0)	(0.0)	(0.0)
20-24	10	60.0	30.0	0.0	10.0	0.0
25-29	11	18.2	45.5	27.3	9.1	0.0
30-34	6	0.0	16.7	50.0	0.0	33.3
35-39	2	50.0	50.0	0.0	0.0	0.0
40+	1	0.0	0.0	100.0	0.0	0.0
DONA ANA COUNTY	2702	37.0	32.2	16.8	8.3	5.8
< 15	5	100.0	0.0	0.0	0.0	0.0
15-17	151	82.8	13.9	3.3	0.0	0.0
18-19	254	69.7	24.0	5.9	0.4	0.0
(15-19)	(405)	(74.6)	(20.2)	(4.9)	(0.2)	(0.0)
20-24	832	45.3	34.5	15.4	3.0	1.8
25-29	760	26.4	39.3	18.6	10.8	4.9
30-34	511	18.0	30.1	26.4	15.1	10.4
35-39	160	13.8	23.8	18.1	19.4	25.0
40+	29	0.0	31.0	3.4	27.6	37.9
GRANT COUNTY	413	35.4	31.0	19.4	9.0	5.3
< 15	1	100.0	0.0	0.0	0.0	0.0
15-17	26	84.6	15.4	0.0	0.0	0.0
18-19	59	62.7	25.4	11.9	0.0	0.0
(15-19)	(85)	(69.4)	(22.4)	(8.2)	(0.0)	(0.0)
20-24	137	40.9	36.5	16.8	5.1	0.7
25-29	106	17.0	34.0	29.2	13.2	6.6
30-34	49	8.2	30.6	28.6	18.4	14.3
35-39	30	20.0	23.3	16.7	16.7	23.3
40+	5	40.0	20.0	0.0	40.0	0.0
HIDALGO COUNTY	103	24.3	37.9	18.4	11.7	7.8
< 15	0	--	--	--	--	--
15-17	4	50.0	50.0	0.0	0.0	0.0
18-19	14	78.6	21.4	0.0	0.0	0.0
(15-19)	(18)	(72.2)	(27.8)	(0.0)	(0.0)	(0.0)
20-24	34	26.5	44.1	20.6	5.9	2.9
25-29	29	10.3	41.4	24.1	17.2	6.9
30-34	18	0.0	33.3	22.2	22.2	22.2
35-39	4	0.0	25.0	25.0	25.0	25.0
40+	0	--	--	--	--	--
LUNA COUNTY	292	39.0	28.4	18.2	8.2	6.2
< 15	4	100.0	0.0	0.0	0.0	0.0
15-17	30	86.7	10.0	3.3	0.0	0.0
18-19	33	66.7	30.3	0.0	0.0	3.0
(15-19)	(63)	(76.2)	(20.6)	(1.6)	(0.0)	(1.6)
20-24	100	40.0	34.0	20.0	6.0	0.0
25-29	77	16.9	29.9	27.3	14.3	11.7
30-34	34	14.7	26.5	29.4	17.6	11.8
35-39	11	27.3	36.4	9.1	9.1	18.2
40+	3	33.3	0.0	0.0	0.0	66.7
OTERO COUNTY	1063	39.2	33.5	16.8	5.8	4.6
< 15	1	100.0	0.0	0.0	0.0	0.0
15-17	49	91.8	8.2	0.0	0.0	0.0
18-19	96	76.0	17.7	3.1	3.1	0.0
(15-19)	(145)	(81.4)	(14.5)	(2.1)	(2.1)	(0.0)
20-24	397	47.9	36.5	11.6	3.3	0.8
25-29	318	24.2	39.6	20.4	9.7	6.0
30-34	154	16.9	34.4	33.8	6.5	8.4
35-39	40	12.5	27.5	20.0	12.5	27.5
40+	8	0.0	0.0	62.5	0.0	37.5
SIERRA COUNTY	111	35.1	29.7	18.0	13.5	3.6
< 15	0	--	--	--	--	--
15-17	7	85.7	14.3	0.0	0.0	0.0
18-19	17	76.5	23.5	0.0	0.0	0.0
(15-19)	(24)	(79.2)	(20.8)	(0.0)	(0.0)	(0.0)
20-24	34	32.4	38.2	20.6	5.9	2.9
25-29	31	29.0	35.5	19.4	16.1	0.0
30-34	16	0.0	12.5	31.3	43.8	12.5
35-39	6	0.0	33.3	33.3	16.7	16.7
40+	0	--	--	--	--	--
SOCORRO COUNTY	242	38.8	26.4	24.4	7.9	2.5
< 15	2	100.0	0.0	0.0	0.0	0.0
15-17	34	88.2	11.8	0.0	0.0	0.0
18-19	32	78.1	21.9	0.0	0.0	0.0
(15-19)	(66)	(83.3)	(16.7)	(0.0)	(0.0)	(0.0)
20-24	70	31.4	38.6	28.6	1.4	0.0
25-29	50	16.0	22.0	44.0	16.0	2.0
30-34	39	12.8	28.2	35.9	15.4	7.7
35-39	12	16.7	25.0	25.0	25.0	8.3
40+	3	0.0	33.3	0.0	33.3	33.3
DISTRICT IV						
CHAVES COUNTY	956	38.7	27.8	20.2	8.7	4.6
<15	4	100.0	0.0	0.0	0.0	0.0
15-17	75	90.7	6.7	2.7	0.0	0.0
18-19	120	69.2	25.8	5.0	0.0	0.0
(15-19)	(195)	(77.4)	(18.5)	(4.1)	(0.0)	(0.0)
20-24	323	40.2	31.6	18.9	7.4	1.9
25-29	262	21.0	32.1	28.6	13.7	4.6
30-34	121	20.7	26.4	28.9	13.2	10.7
35-39	42	7.1	26.2	31.0	14.3	21.4
40+	9	22.2	11.1	11.1	11.1	44.4
CURRY COUNTY	838	37.7	34.1	18.4	5.7	4.1
< 15	2	100.0	0.0	0.0	0.0	0.0
15-17	48	85.4	14.6	0.0	0.0	0.0
18-19	103	63.1	31.1	5.8	0.0	0.0
(15-19)	(151)	(70.2)	(25.8)	(4.0)	(0.0)	(0.0)
20-24	318	40.9	38.7	15.4	3.5	1.6
25-29	232	25.4	36.6	23.3	8.6	6.0
30-34	98	13.3	33.7	33.7	12.2	7.1
35-39	30	16.7	13.3	33.3	16.7	20.0
40+	7	14.3	28.6	28.6	0.0	28.6
DE BACA COUNTY	25	40.0	36.0	16.0	8.0	0.0
< 15	1	100.0	0.0	0.0	0.0	0.0
15-17	3	100.0	0.0	0.0	0.0	0.0
18-19	3	66.7	33.3	0.0	0.0	0.0
(15-19)	(6)	(83.3)	(16.7)	(0.0)	(0.0)	(0.0)
20-24	8	25.0	62.5	12.5	0.0	0.0
25-29	7	28.6	42.9	0.0	28.6	0.0
30-34	1	0.0	0.0	100.0	0.0	0.0
35-39	2	0.0	0.0	100.0	0.0	0.0
40+	0	--	--	--	--	--
EDDY COUNTY	769	36.9	28.6	24.2	6.1	4.2
< 15	0	--	--	--	--	--
15-17	58	84.5	13.8	1.7	0.0	0.0
18-19	102	70.6	21.6	5.9	2.0	0.0
(15-19)	(160)	(75.6)	(18.8)	(4.4)	(1.3)	(0.0)
20-24	234	41.5	34.2	18.8	4.7	0.9
25-29	231	17.7	36.4	37.2	5.6	3.0
30-34	98	16.3	19.4	37.8	17.3	9.2
35-39	43	18.6	16.3	27.9	9.3	27.9
40+	3	33.3	0.0	0.0	0.0	66.7
GUADALUPE COUNTY	58	39.7	29.3	19.0	5.2	6.9
< 15	0	--	--	--	--	--
15-17	3	100.0	0.0	0.0	0.0	0.0
18-19	9	100.0	0.0	0.0	0.0	0.0
(15-19)	(12)	(100.0)	(0.0)	(0.0)	(0.0)	(0.0)
20-24	15	46.7	40.0	6.7	6.7	0.0
25-29	14	14.3	57.1	28.6	0.0	0.0
30-34	10	10.0	20.0	30.0	10.0	30.0
35-39	6	16.7	16.7	33.3	16.7	16.7
40+	1	0.0	0.0	100.0	0.0	0.0
LEA COUNTY	945	35.0	32.6	18.7	7.4	6.2
<15	2	100.0	0.0	0.0	0.0	0.0
15-17	80	90.0	8.8	1.3	0.0	0.0
18-19	122	62.3	26.2	10.7	0.8	0.0
(15-19)	(202)	(73.3)	(19.3)	(6.9)	(0.5)	(0.0)
20-24	319	35.1	38.9	18.5	4.4	3.1
25-29	253	18.6	36.8	24.9	13.8	5.9
30-34	130	13.8	32.3	30.0	11.5	12.3
35-39	36	11.1	27.8	5.6	11.1	44.4
40+	3	0.0	0.0	0.0	33.3	66.7
LINCOLN COUNTY	180	39.4	35.0	16.1	5.0	4.4
< 15	0	--	--	--	--	--
15-17	11	100.0	0.0	0.0	0.0	0.0
18-19	20	65.0	35.0	0.0	0.0	0.0
(15-19)	(31)	(77.4)	(22.6)	(0.0)	(0.0)	(0.0)
20-24	48	39.6	43.8	14.6	2.1	0.0
25-29	64	29.7	34.4	23.4	9.4	3.1
30-34	24	29.2	45.8	8.3	0.0	16.7
35-39	10	20.0	0.0	50.0	10.0	20.0
40+	3	0.0	66.7	0.0	33.3	0.0
QUAY COUNTY	145	34.5	39.3	20.7	4.1	1.4
< 15	0	--	--	--	--	--
15-17	13	84.6	15.4	0.0	0.0	0.0
18-19	17	76.5	23.5	0.0	0.0	0.0
(15-19)	(30)	(80.0)	(20.0)	(0.0)	(0.0)	(0.0)
20-24	48	20.8	56.3	20.8	2.1	0.0
25-29	43	27.9	44.2	23.3	0.0	4.7
30-34	19	21.1	26.3	31.6	21.1	0.0
35-39	5	0.0	0.0	80.0	20.0	0.0
40+	0	--	--	--	--	--
ROOSEVELT COUNTY	280	39.3	30.7	15.4	9.6	5.0
< 15	0	--	--	--	--	--
15-17	19	78.9	15.8	5.3	0.0	0.0
18-19	33	75.8	24.2	0.0	0.0	0.0
(15-19)	(52)	(76.9)	(21.2)	(1.9)	(0.0)	(0.0)
20-24	108	45.4	36.1	14.8	0.9	2.8
25-29	71	23.9	32.4	18.3	21.1	4.2
30-34	35	5.7	31.4	34.3	14.3	14.3
35-39	13	7.7	15.4	7.7	46.2	23.1
40+	1	100.0	0.0	0.0	0.0	0.0

TABLE A-6
NEW MEXICO
BIRTHS BY COUNTY OF OCCURRENCE BY FACILITY AND ATTENDANT AT BIRTH
1989

COUNTY/PLACE OF BIRTH	TOTAL BIRTHS	ATTENDANT AT BIRTH					
		M.D.	D.O.	LAY MIDWIFE	NURSE MIDWIFE	R.N.	OTHER/ UNSPEC.
STATE TOTAL	26,934	23,123	1,042	237	2,349	73	110
DISTRICT I							
BERNALILLO COUNTY:	10,493	8,677	249	19	1,510	15	23
Lovelace Medical Center (Bataan)	1,803	850	0	0	951	2	0
University of New Mexico Hospital	3,755	3,223	0	0	532	0	0
St. Joseph West Mesa Hospital	558	547	11	0	0	0	0
St. Joseph NE Heights	1,003	765	238	0	0	0	0
Presbyterian Hospital	3,304	3,291	0	0	0	13	0
Home	64	0	0	19	26	0	19
Enroute	2	0	0	0	0	0	2
Clinic and Other Places	4	1	0	0	1	0	2
CIBOLA COUNTY:	215	213	0	0	0	0	2
Acoma-Canoncito-Laguna PHS Hospital	2	2	0	0	0	0	0
Cibola General Hospital	211	211	0	0	0	0	0
Enroute	1	0	0	0	0	0	1
Clinic and Other Places	1	0	0	0	0	0	1
MCKINLEY COUNTY:	2,118	1,951	26	9	120	9	3
Crownpoint Indian Hospital (PHS)	287	274	13	0	0	0	0
Gallup Indian Medical Center (PHS)	1,292	1,150	13	0	120	9	0
Rehoboth/McKinley Christian Hospital	357	357	0	0	0	0	0
Zuni Comprehensive Comm. Hlth Ctr (PHS)	169	169	0	0	0	0	0
Home	5	0	0	3	0	0	2
Clinic and Other Places	8	1	0	6	0	0	1
SANDOVAL COUNTY:	15	3	1	3	2	0	6
Cuba Hospital	2	1	1	0	0	0	0
Home	9	0	0	3	2	0	4
Enroute	1	1	0	0	0	0	0
Clinic and Other Places	3	1	0	0	0	0	2
SAN JUAN COUNTY:	2,012	1,494	0	7	500	2	9
Shiprock PHS Hospital	1,056	555	0	0	499	2	0
San Juan Regional Medical Center	938	937	0	0	1	0	0
Home	14	0	0	6	0	0	8
Enroute	1	0	0	0	0	0	1
Clinic and Other Places	3	2	0	1	0	0	0
TORRANCE COUNTY:	3	0	0	1	0	0	2
Home	3	0	0	1	0	0	2
VALENCIA COUNTY:	155	148	0	4	1	1	1
Valencia Presbyterian Hospital	149	148	0	0	0	1	0
Home	6	0	0	4	1	0	1
DISTRICT II							
COLFAX COUNTY:	167	167	0	0	0	0	0
Miner's Colfax Medical Center	167	167	0	0	0	0	0
HARDING COUNTY:	0	0	0	0	0	0	0
LOS ALAMOS COUNTY:	296	294	0	2	0	0	0
Los Alamos Medical Center	294	294	0	0	0	0	0
Home	2	0	0	2	0	0	0
MORA COUNTY:	0	0	0	0	0	0	0
RIO ARRIBA COUNTY:	324	304	8	7	1	0	4
Espanola Hospital	311	303	8	0	0	0	0
Home	11	0	0	7	1	0	3
Enroute	1	0	0	0	0	0	1
Clinic and Other Places	1	1	0	0	0	0	0
SAN MIGUEL COUNTY:	489	465	0	2	13	0	9
Northeastern Regional Hospital	478	465	0	0	13	0	0
Home	4	0	0	1	0	0	3
Clinic and Other Places	7	0	0	1	0	0	6
SANTA FE COUNTY:	1,908	1,751	81	57	17	1	1
Santa Fe PHS Indian Hospital	371	289	81	0	0	1	0
St. Vincent Hospital	1,462	1,462	0	0	0	0	0
Home	68	0	0	52	16	0	0
Enroute	1	0	0	0	0	0	1
Clinic and Other Places	6	0	0	5	1	0	0
TAOS COUNTY:	302	249	0	40	0	0	13
Holy Cross Hospital	249	248	0	0	0	0	1
Home	18	0	0	15	0	0	3
Clinic and Other Places	35	1	0	25	0	0	9
UNION COUNTY:	44	44	0	0	0	0	0
Union County General Hospital	44	44	0	0	0	0	0
DISTRICT III							
CATRON COUNTY:	0	0	0	0	0	0	0
DOÑA ANA COUNTY:	2,325	2,193	0	49	50	28	5
Memorial General Hospital	2,268	2,190	0	0	50	28	0
Home	42	0	0	39	0	0	3
Enroute	1	1	0	0	0	0	0
Clinic and Other Places	14	2	0	10	0	0	2
GRANT COUNTY:	521	464	0	16	36	2	3
Gila Regional Hospital	503	464	0	0	36	2	1
Home	11	0	0	10	0	0	1
Enroute	1	0	0	0	0	0	1
Clinic and Other Places	6	0	0	6	0	0	0
HIDALGO COUNTY:	0	0	0	0	0	0	0
LUNA COUNTY:	240	236	0	1	2	0	1
Mimbres Memorial Hospital	238	236	0	0	2	0	0
Home	1	0	0	1	0	0	0
Enroute	1	0	0	0	0	0	1
OTERO COUNTY:	933	811	1	17	97	3	4
Gerald Champion Memorial Hospital	510	507	0	0	0	3	0
USAF Hospital - Holloman AFB	401	303	1	0	97	0	0
Home	19	1	0	16	0	0	2
Enroute	1	0	0	0	0	0	1
Clinic and Other Places	2	0	0	1	0	0	1
SIERR/ COUNTY:	40	36	1	0	0	2	1
Sierra Vista Hospital	39	36	1	0	0	2	0
Clinic and Other Places	1	0	0	0	0	0	1
SOCORRO COUNTY:	178	174	0	0	0	0	4
Socorro General Hospital	174	174	0	0	0	0	0
Home	2	0	0	0	0	0	2
Clinic and Other Places	2	0	0	0	0	0	2
DISTRICT IV							
CHAVES COUNTY:	976	644	328	0	0	1	3
Eastern N.M. Medical Center	972	644	327	0	0	1	0
St. Mary's Regional Health Center	1	0	0	0	0	0	1
Home	2	0	0	0	0	0	2
Enroute	1	0	1	0	0	0	0
CURRY COUNTY:	900	543	346	1	0	8	2
USAF Hospital-Cannon AFB	285	285	0	0	0	0	0
Clovis High Plains Hospital	612	258	346	0	0	8	0
Home	3	0	0	1	0	0	2
DE BACA COUNTY:	30	29	1	0	0	0	0
De Baca General Hospital	30	29	1	0	0	0	0
EDDY COUNTY:	738	733	0	0	0	0	5
Artesia General Hospital	167	167	0	0	0	0	0
Guadalupe Medical Center	565	565	0	0	0	0	0
Home	6	1	0	0	0	0	5
GUADALUPE COUNTY:	23	23	0	0	0	0	0
Guadalupe County Hospital	23	23	0	0	0	0	0
LEA COUNTY:	860	855	0	0	0	0	5
Lea Regional Hospital	855	855	0	0	0	0	0
Home	4	0	0	0	0	0	4
Clinic and Other Places	1	0	0	0	0	0	1
LINCOLN COUNTY:	245	242	0	1	0	0	2
Lincoln County Medical Center	242	242	0	0	0	0	0
Home	2	0	0	0	0	0	2
Clinic and Other Places	1	0	0	1	0	0	0
QUAY COUNTY:	74	72	0	1	0	0	1
Dr. Dan C. Trigg Memorial Hospital	72	72	0	0	0	0	0
Home	2	0	0	1	0	0	1
ROOSEVELT COUNTY:	310	308	0	0	0	1	1
Roosevelt General Hospital	309	308	0	0	0	1	0
Clinic and Other Places	1	0	0	0	0	0	1

TABLE A-7
NEW MEXICO 1989 BIRTHS AND DEATHS BY PLACE OF RESIDENCE

LOCATION	RESIDENT	
	BIRTHS	DEATHS
DISTRICT I		
BERNALILLO COUNTY:		
Albuquerque-Urban	7301	2975
Albuquerque-Rural	423	124
Corrales-(county portion)	2	8
Los Ranchos de Albuquerque-All	0	1
Tijeras-All	76	23
Sandia/Kirtland AFB (Military)	227	2
Other & Unspecified	97	26
COUNTY TOTAL	8126	3159
CIBOLA COUNTY:		
Grants-Urban	178	56
Grants-Rural	30	6
Milan-Urban	35	9
Milan-Rural	7	1
Other & Unspecified	261	88
COUNTY TOTAL	511	160
MCKINLEY COUNTY:		
Crownpoint-All	116	33
Gallup-Urban	462	106
Gallup-Rural	51	13
Rehoboth-All	22	4
Zuni-All	184	55
Thoreau-All	48	14
Tohatchi-All	52	16
Other & Unspecified	981	124
COUNTY TOTAL	1916	365
SANDOVAL COUNTY:		
Bernalillo-Urban	54	23
Bernalillo-Rural	104	12
Cuba-All	56	22
Pena Blanca-All	8	3
Algodones-All	16	6
Jemez Springs-All	14	5
San Ysidro-All	7	0
Jemez Pueblo-All	42	12
San Felipe Pueblo-All	42	3
Santo Domingo Pueblo-All	76	17
Rio Rancho-All	588	160
Corrales-(county portion)	77	30
Other & Unspecified	178	37
COUNTY TOTAL	1262	330
SAN JUAN COUNTY:		
Aztec-Urban	79	59
Aztec-Rural	65	20
Bloomfield-Urban	133	31
Bloomfield-Rural	50	22
Farmington-Urban	693	199
Farmington-Rural	76	22
Shiprock-All	264	58
Kirtland-All	81	18
Other & Unspecified	468	106
COUNTY TOTAL	1909	535
TORRANCE COUNTY:		
Estancia-All	24	16
Moriarty-All	68	29
Mountainair-Urban	2	8
Mountainair-Rural	18	7
Encino-All	2	2
Willard-All	3	1
Other & Unspecified	12	10
COUNTY TOTAL	129	73
VALENCIA COUNTY:		
Belen-Urban	164	91
Belen-Rural	96	62
Los Lunas-Urban	217	67
Los Lunas-Rural	165	51
Bosque Farms-All	50	27
Other & Unspecified	64	18
COUNTY TOTAL	756	316
DISTRICT II		
COLFAX COUNTY:		
Cimarron-All	18	14
Raton-Urban	108	72
Raton-Rural	8	3
Springer-Urban	25	19
Springer-Rural	3	1
Eagle Nest-All	5	2
Maxwell-All	6	3
Other & Unspecified	13	13
COUNTY TOTAL	186	127
DISTRICT II (continued)		
HARDING COUNTY:		
Roy-All	8	3
Mosquero-All	1	0
Other & Unspecified	6	1
COUNTY TOTAL	15	4
LOS ALAMOS COUNTY:		
Los Alamos-Urban	173	65
Los Alamos-Rural	3	5
White Rock-All	5	3
Other & Unspecified	1	0
COUNTY TOTAL	182	73
MORA COUNTY:		
Wagon Mound-All	3	9
Mora-All	23	5
Cleveland-All	8	3
Other & Unspecified	21	16
COUNTY TOTAL	55	33
RIO ARRIBA COUNTY:		
Espanola-Urban (county portion, including Fairview	180	65
Espanola-Rural (county portion, including Fairview)	73	15
Chama-All	22	9
Tierra Amarilla-All	10	6
Abiquiu-All	7	2
El Rito-All	10	5
Dulce-All	84	16
Chimayo-(county portion)	49	15
Other & Unspecified	306	107
COUNTY TOTAL	741	240
SAN MIGUEL COUNTY:		
Las Vegas-Urban	287	143
Las Vegas-Rural	46	10
Pecos-All	47	13
Other & Unspecified	70	40
COUNTY TOTAL	450	206
SANTA FE COUNTY:		
Santa Fe-Urban	935	505
Santa Fe-Rural	280	27
Tesuque-All	18	2
Pojoaque-All	24	4
Espanola-(county portion)	3	5
Chimayo-(county portion)	12	9
Nambe-All	13	1
Other & Unspecified	174	69
COUNTY TOTAL	1459	622
TAOS COUNTY:		
Questa-All	28	15
Ranchos de Taos-All	36	18
Taos-Urban	101	54
Taos-Rural	44	19
Penasco-All	12	6
Red River-All	10	3
Other & Unspecified	129	56
COUNTY TOTAL	360	171
UNION COUNTY:		
Clayton-Urban	25	41
Clayton-Rural	8	0
Des Moines-All	6	1
Folsom-All	3	1
Grenville - All	2	0
Other & Unspecified	11	12
COUNTY TOTAL	55	55
DISTRICT III		
CATRON COUNTY:		
Reserve-All	7	8
Other & Unspecified	24	15
COUNTY TOTAL	31	23
DONA ANA COUNTY:		
Hatch-All	63	19
Las Cruces-Urban	1272	460
Las Cruces-Rural	331	42
Mesilla-Urban	3	11
Mesilla-Rural	26	2
La Mesa-All	56	18
Sunland Park-All	90	18
Anthony-All	211	43
White Sands Missle Range	36	3
Other & Unspecified	614	97
COUNTY TOTAL	2702	713

TABLE A-7
NEW MEXICO 1989 BIRTHS AND DEATHS BY PLACE OF RESIDENCE

	RESIDENT	
LOCATION	BIRTHS	DEATHS
DISTRICT III (continued)		
GRANT COUNTY:		
Bayard-Urban	40	21
Bayard-Rural	4	1
Central-Urban	35	13
Central-Rural	1	1
Hurley-Urban	24	12
Hurley-Rural	3	5
Silver City-Urban	170	85
Silver City-Rural	53	14
Fort Bayard-All	5	63
Other & Unspecified	78	39
COUNTY TOTAL	413	254
HIDALGO COUNTY:		
Lordsburg-Urban	65	33
Lordsburg-Rural	7	0
Virden-All	0	2
Other & Unspecified	31	14
COUNTY TOTAL	103	49
LUNA COUNTY:		
Deming-Urban	168	140
Deming-Rural	97	60
Columbus-All	24	11
Other & Unspecified	3	2
COUNTY TOTAL	292	213
OTERO COUNTY:		
Alamogordo-Urban	577	211
Alamogordo-Rural	66	24
Mescalero-All	74	11
Tularosa-Urban	60	31
Tularosa-Rural	22	7
Cloudcroft-All	15	6
La Luz-All	27	15
Holloman AFB (Military)	180	3
Other & Unspecified	42	21
COUNTY TOTAL	1063	329
SIERRA COUNTY:		
Truth or Consequences-Urban	46	164
Truth or Consequences-Rural	29	2
Williamsburg-All	7	12
Other & Unspecified	29	23
COUNTY TOTAL	111	201
SOCORRO COUNTY:		
Magdalena-Urban	3	8
Magdalena-Rural	45	7
Socorro-Urban	104	81
Socorro-Rural	56	1
Other & Unspecified	34	21
COUNTY TOTAL	242	118
DISTRICT IV		
CHAVES COUNTY:		
Dexter-All	67	23
Hagerman-Urban	23	9
Hagerman-Rural	6	1
Roswell-Urban	780	475
Roswell-Rural	62	36
Lake Arthur-All	17	6
Other & Unspecified	1	1
COUNTY TOTAL	956	551
CURRY COUNTY:		
Clovis-Urban	654	223
Clovis-Rural	67	17
Texico-All	21	8
Melrose-All	17	12
Grady-All	4	2
DISTRICT IV (continued)		
CURRY COUNTY (continued):		
Cannon AFB (Military)	64	4
Other & Unspecified	11	2
COUNTY TOTAL	838	268
DE BACA COUNTY:		
Ft. Sumner-Urban	16	19
Ft. Sumner-Rural	8	7
Other & Unspecified	1	3
COUNTY TOTAL	25	29
EDDY COUNTY:		
Artesia-Urban	209	111
Artesia-Rural	42	25
Carlsbad-Urban	410	286
Carlsbad-Rural	69	26
Loving-Urban	19	7
Loving-Rural	4	1
Hope-All	3	2
Other & Unspecified	13	3
COUNTY TOTAL	769	461
GUADALUPE COUNTY:		
Santa Rosa-Urban	30	29
Santa Rosa-Rural	8	1
Vaughn-Urban	6	5
Vaughn-Rural	3	1
Other & Unspecified	11	10
COUNTY TOTAL	58	46
LEA COUNTY:		
Eunice-Urban	33	11
Eunice-Rural	6	4
Hobbs-Urban	586	243
Hobbs-Rural	81	13
Jal-Urban	16	20
Jal-Rural	1	1
Lovington-Urban	158	71
Lovington-Rural	21	18
Tatum-Urban	16	6
Tatum-Rural	1	1
Other & Unspecified	26	6
COUNTY TOTAL	945	394
LINCOLN COUNTY:		
Capitan-All	18	7
Carrizozo-Urban	13	14
Carrizozo-Rural	8	2
Ruidoso-Urban	75	34
Ruidoso-Rural	7	4
Ruidoso Downs-All	32	8
Fort Stanton-All	0	1
Corona-All	7	7
Other & Unspecified	20	17
COUNTY TOTAL	180	94
QUAY COUNTY:		
Tucumcari-Urban	88	81
Tucumcari-Rural	21	15
San Jon-All	9	8
Logan-All	10	13
House-All	3	2
Other & Unspecified	14	7
COUNTY TOTAL	145	126
ROOSEVELT COUNTY:		
Portales-Urban	172	96
Portales-Rural	81	25
Elida-All	10	3
Dora-All	2	1
Floyd-All	3	0
Other & Unspecified	12	10
COUNTY TOTAL	280	135

TABLE A-8
AGE-SPECIFIC DEATH RATES BY COUNTY AND SEX
NEW MEXICO RESIDENTS, 1987-89 AVERAGE
UNITED STATES 1988
(Rates per 100,000 Population)

			AGE GROUP										
		COUNTY	< 1	1 - 4	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	=>85
		MALE											
		UNITED STATES	1113.7	56.5	30.9	151.0	196.7	301.4	629.0	1606.9	3573.8	8223.2	18370.8
		NEW MEXICO	1020.4	62.7	39.0	207.0	266.7	328.9	562.0	1366.8	2995.2	7224.8	15859.8
		BERNALILLO	956.4	61.9	39.6	187.5	226.7	276.5	483.7	1282.5	2844.4	7458.5	16118.7
		CIBOLA	1190.5	--	56.4	259.8	695.1	540.9	706.5	1361.9	3995.2	7291.7	18264.8
		MCKINLEY	1533.4	84.7	38.6	408.4	387.4	696.7	926.7	1768.9	3565.9	6182.8	15458.9
	1	SANDOVAL	576.7	54.8	73.9	204.5	414.1	339.2	424.9	677.8	2172.9	4333.0	9918.7
		SAN JUAN	1214.6	131.4	44.6	298.6	361.2	288.6	533.4	1521.9	2962.5	9861.9	15736.0
		TORRANCE	469.5	172.3	--	43.3	338.4	181.9	818.0	1455.9	2131.3	6706.1	19512.2
		VALENCIA	1245.2	61.3	57.9	279.4	470.4	433.7	707.1	1473.0	3210.6	8524.4	10382.5
H		COLFAX	749.1	63.5	59.6	167.5	96.0	298.3	596.2	1133.0	3584.2	7142.9	17269.1
E		HARDING	--	--	--	--	512.8	469.5	877.2	952.4	2525.3	4761.9	16666.7
A		LOS ALAMOS	1792.1	--	112.8	78.4	115.2	139.7	340.6	697.8	1476.2	5249.3	13513.5
L		MORA	--	--	--	271.0	194.9	615.0	670.0	1100.6	1796.4	7374.6	18181.8
T	2	RIO ARRIBA	1424.5	44.5	33.5	367.1	587.6	699.2	748.8	1334.5	3199.1	8096.5	26234.6
H		SAN MIGUEL	847.5	93.5	47.5	160.6	266.7	490.8	663.3	1973.7	2807.0	6537.5	16524.2
		SANTA FE	485.7	48.3	38.1	242.2	267.6	302.0	458.4	1258.2	2697.6	7250.2	15005.7
D		TAOS	1577.9	70.5	70.7	252.4	463.0	509.7	682.6	1309.0	3007.0	9163.3	16140.4
I		UNION	1709.4	--	--	--	437.2	229.9	442.5	1745.2	3268.0	7936.5	21621.6
S													
T		CATRON	1754.4	--	--	305.8	313.0	--	900.9	--	2201.3	3375.5	20833.3
R		DONA ANA	985.9	35.8	29.3	137.6	186.4	212.9	504.7	1121.2	3020.7	5238.1	13913.0
I		GRANT	292.4	62.5	13.7	250.8	295.0	373.3	538.9	1096.3	3921.6	8101.9	15384.6
C	3	HIDALGO	617.3	124.8	61.5	281.9	66.8	185.7	375.9	2276.4	4191.6	5992.5	17948.7
T		LUNA	860.2	--	27.7	135.5	237.9	445.8	609.2	2177.9	3246.4	5992.5	15229.9
S		OTERO	1415.9	63.6	32.0	206.2	244.3	318.2	575.9	1484.0	3467.1	8796.3	16828.5
		SIERRA	628.9	--	--	--	407.7	1092.9	1103.8	2097.9	2793.8	7911.8	13725.5
		SOCORRO	787.4	66.3	58.0	216.9	481.6	411.5	529.1	1438.4	2951.4	9473.7	19047.6
		CHAVES	1027.9	45.2	36.1	119.7	258.3	309.4	593.3	1438.7	3403.8	7799.0	19815.7
		CURRY	950.3	78.5	34.9	122.4	188.2	349.8	429.4	2005.9	3145.7	5760.7	13199.1
		DE BACA	--	--	--	256.4	--	463.0	1223.2	2608.7	2240.9	5555.6	7692.3
		EDDY	1491.2	101.0	31.2	221.9	223.0	335.8	605.4	1765.8	3056.8	8640.6	19341.6
	4	GUADALUPE	980.4	--	259.7	166.3	577.2	501.3	1449.3	1657.5	6133.3	5614.0	13580.2
		LEA	684.1	52.4	--	186.2	188.3	266.4	704.9	1545.4	3784.4	7721.3	24024.0
		LINCOLN	687.3	--	--	222.0	208.8	295.6	1000.5	1388.9	2234.6	5365.9	12121.2
		QUAY	2109.7	96.9	34.7	216.9	289.1	443.9	682.4	1848.6	2141.2	9142.1	21153.8
		ROOSEVELT	1182.0	--	27.0	154.8	132.8	267.2	1032.0	1587.3	3276.6	7676.1	15315.3

TABLE A-8
AGE-SPECIFIC DEATH RATES BY COUNTY AND SEX NEW MEXICO RESIDENTS, 1987-89 AVERAGE UNITED STATES 1988
(Rates per 100,000 Population)

HEALTH DISTRICTS	COUNTY	AGE GROUP < 1	1 - 4	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	=>85
	FEMALE											
	UNITED STATES	897.7	45.0	20.4	52.1	74.0	140.0	350.9	904.7	2056.1	5173.3	14508.1
	NEW MEXICO	766.0	47.3	23.6	64.3	91.5	141.8	335.9	796.2	1844.9	4394.2	13808.1
	BERNALILLO	738.9	46.7	16.1	57.4	81.5	126.1	303.5	783.0	1719.2	4278.8	13487.1
	CIBOLA	1250.0	38.7	42.5	139.1	212.3	64.5	438.6	968.8	2251.4	7210.9	25786.2
	MCKINLEY	837.9	81.1	39.2	90.8	178.9	213.3	415.3	1016.5	1956.0	3996.1	15075.4
1	SANDOVAL	765.0	59.6	28.5	29.3	82.5	105.5	215.6	625.8	1579.4	3197.9	10491.8
	SAN JUAN	662.3	86.7	30.6	61.5	147.4	166.9	379.1	933.6	2618.9	5426.4	12956.8
	TORRANCE	505.1	90.3	--	89.7	152.4	150.2	278.9	710.7	1213.4	3474.9	11864.4
	VALENCIA	1088.0	--	52.3	172.8	140.1	212.2	440.4	807.1	1988.9	3927.9	14833.3
	COLFAX	1851.9	73.9	--	33.1	35.8	111.9	380.6	837.5	1951.2	3595.5	11704.8
	HARDING	5555.6	--	--	666.7	--	--	877.2	1515.2	--	2564.1	5555.6
	LOS ALAMOS	694.4	69.2	59.5	64.4	--	93.1	227.1	333.6	862.5	5254.5	19487.2
	MORA	1111.1	--	--	231.5	--	--	170.9	754.1	1320.1	4032.3	16666.7
2	RIO ARRIBA	565.0	--	23.1	106.7	86.2	192.7	520.1	949.0	2100.4	4676.0	20797.7
	SAN MIGUEL	877.2	33.9	17.1	72.8	134.5	61.3	363.6	807.0	2014.7	5316.6	11828.0
	SANTA FE	561.8	19.7	14.6	63.1	89.9	131.9	267.5	560.5	1655.3	4228.9	14771.5
	TAOS	632.9	38.7	18.6	122.2	40.2	146.1	392.5	494.4	1488.1	4703.0	13432.8
	UNION	1075.3	--	98.9	--	--	119.0	--	574.7	2046.8	6481.5	15151.5
	CATRON	--	--	159.5	156.5	--	--	--	268.8	1897.0	3777.8	15384.6
	DONA ANA	690.4	70.3	12.2	39.6	65.3	126.9	303.4	677.5	1827.8	3705.4	13993.2
	GRANT	634.9	33.8	30.9	31.1	82.4	159.2	334.6	791.0	2444.0	6152.1	15224.4
3	HIDALGO	724.6	127.7	--	--	--	83.5	897.9	434.8	1734.1	3389.8	16279.1
	LUNA	472.8	184.2	53.5	202.9	34.8	240.3	545.3	802.5	1510.3	4091.1	10790.0
	OTERO	1049.4	16.5	34.8	73.9	101.9	113.9	343.2	913.7	2531.0	5338.9	12248.1
	SIERRA	1212.1	--	--	--	88.0	468.4	536.6	1080.6	1308.4	3800.2	15538.8
	SOCORRO	493.8	121.2	25.6	160.5	171.8	38.1	212.0	752.3	2207.0	5534.6	17316.0
	CHAVES	973.8	60.0	23.5	24.6	99.5	203.7	377.6	950.6	1906.5	4709.1	11879.4
	CURRY	610.2	--	28.7	42.8	90.7	104.2	350.9	927.1	1964.8	3347.5	12316.7
	DE BACA	--	--	229.9	236.4	280.1	295.0	1282.1	1101.9	1182.0	5507.2	13475.2
	EDDY	558.7	--	16.4	36.6	85.0	150.7	383.8	939.8	2094.1	4638.1	18468.5
4	GUADALUPE	--	--	--	238.1	--	266.7	--	690.8	3636.4	2933.3	16666.7
	LEA	1028.8	39.3	17.1	57.4	44.0	203.1	482.0	1112.0	2333.5	5760.4	14285.7
	LINCOLN	749.1	--	69.5	74.0	70.8	149.9	329.1	609.2	1632.4	4325.7	12449.8
	QUAY	456.6	106.8	40.4	--	179.2	192.7	187.5	525.8	1623.4	5707.8	16666.7
	ROOSEVELT	806.5	--	27.9	25.8	60.1	213.0	389.9	1065.0	1605.8	4068.9	15027.3

TABLE A-9
NEW MEXICO RESIDENT DEATHS
NUMBER AND CRUDE DEATH RATE BY CAUSE
1989
(Rates Per 100,000 Population)

CAUSE OF DEATH	9TH REVISION ICDA	TOTAL	RATE	MALE	RATE	FEMALE	RATE
ALL CAUSES		10473	684.1	5787	769.5	4686	601.5
TUBERCULOSIS (ALL FORMS)	010-018	7	0.5	6	0.8	1	0.1
SEPTICEMIA	038	57	3.7	34	4.5	23	3.0
HIV INFECTION (AIDS)	042-044	71	4.6	69	9.2	2	0.3
SYPHILIS AND ITS SEQUELAE	090-097	0	--	0	--	0	--
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	001-009,020-037,039-041,045-088,098-139	45	2.9	27	3.6	18	2.3
MALIGNANT NEOPLASMS	140-208	2241	146.4	1191	158.4	1050	134.8
Buccal Cavity and Pharynx	140-149	34	2.2	22	2.9	12	1.5
Digestive Organs and Peritoneum	150-159	595	38.9	332	44.1	263	33.8
Respiratory System	160-165	544	35.5	336	44.7	208	26.7
Breast	174,175	205	13.4	1	0.1	204	26.2
Genital Organs	179-187	252	16.5	145	19.3	107	13.7
Urinary Organs	188,189	75	4.9	48	6.4	27	3.5
Other and Unspecified Sites	170-173,190-199	309	20.2	183	24.3	126	16.2
Lymphatic and Hematopoietic Tissues	200-208	227	14.8	124	16.5	103	13.2
DIABETES MELLITUS	250	313	20.4	163	21.7	150	19.3
ALCOHOLISM	303	101	6.6	77	10.2	24	3.1
ALZHEIMER DISEASE	331.0	74	4.8	32	4.3	42	5.4
PARKINSON DISEASE	332	44	2.9	29	3.9	15	1.9
MAJOR CARDIOVASCULAR DISEASES	390-448	3704	241.9	1880	250.0	1824	234.1
Diseases of the Heart	390-398,402,404-429	2916	190.5	1555	206.8	1361	174.7
Active Rheumatic Fever	390-392	1	0.1	1	0.1	0	--
Chronic Rheumatic Fever	393-398	31	2.0	8	1.1	23	3.0
Hypertension with Heart Disease	402,404,405	114	7.4	46	6.1	68	8.7
Acute Myocardial Infarction	410	736	48.1	426	56.6	310	39.8
Other Ischemic Heart Diseases	411-414	690	45.1	356	47.3	334	42.9
Diseases of Pulmonary Circulation	415-417	56	3.7	25	3.3	31	4.0
Other Diseases of the Heart	420-429	1288	84.1	693	92.2	595	76.4
Hypertension with or without Renal Disease	401,403	39	2.5	16	2.1	23	3.0
Cerebrovascular Disease	430-438	551	36.0	200	26.6	351	45.1
Atherosclerosis	440	103	6.7	46	6.1	57	7.3
Aortic Aneurysm	441	69	4.5	48	6.4	21	2.7
Other Diseases of Arteries, Arterioles & Capillaries	442-448	26	1.7	15	2.0	11	1.4
PNEUMONIA	480-486	348	22.7	159	21.1	189	24.3
INFLUENZA	487	16	1.0	3	0.4	13	1.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASES (COPD) AND ALLIED CONDITIONS	490-496	540	35.3	310	41.2	230	29.5
Bronchitis, Chronic and Unspecified	490-491	19	1.2	10	1.3	9	1.2
Emphysema	492	124	8.1	73	9.7	51	6.5
Asthma	493	27	1.8	8	1.1	19	2.4
Other COPD and Allied Conditions	494-496	370	24.2	219	29.1	151	19.4
PEPTIC ULCER	531-533	28	1.8	16	2.1	12	1.5
APPENDICITIS	540-543	2	0.1	1	0.1	1	0.1
HERNIA AND INTESTINAL OBSTRUCTION	550-553,560	27	1.8	12	1.6	15	1.9
CHRONIC LIVER DISEASE AND CIRRHOSIS	571	202	13.2	135	18.0	67	8.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	94	6.1	46	6.1	48	6.2
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM	630-676	5	0.3	0	--	5	0.6
CONGENITAL ANOMALIES	740-759	83	5.4	42	5.6	41	5.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	102	6.7	62	8.2	40	5.1
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	100	6.5	49	6.5	51	6.5
ALL OTHER DISEASES	Residual	901	58.9	417	55.5	484	62.1
ACCIDENTS AND ADVERSE EFFECTS	E800-E949	878	57.3	635	84.4	243	31.2
Motor Vehicle Accidents	E810-E825	473	30.9	326	43.4	147	18.9
All other Accidents and Adverse Effects	E800-E807,E826-E949	405	26.5	309	41.1	96	12.3
SUICIDE	E950-E959	300	19.6	244	32.4	56	7.2
HOMICIDE AND LEGAL INTERVENTION	E960-E978	160	10.5	126	16.8	34	4.4
ALL OTHER EXTERNAL CAUSES	E980-E999	30	2.0	22	2.9	8	1.0

TABLE A-10
NEW MEXICO RESIDENTS
SELECTED CAUSES OF DEATH BY COUNTY
1989

	COUNTY	MALIGNANT NEOPLASMS (140-208)	STOMACH (151)	LARGE INTESTINE (153)	RECTUM (154)	LIVER & BILE DUCTS (155)	TRACHEA, BRONCHUS, LUNG (162-163)	BLADDER (188)	DIABETES MELLITUS (250)	HYPERTENSIVE DISEASE (401-405)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR (430-438)	INFLUENZA & PNEUMONIA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASE (490-496)	CIRRHOSIS OF LIVER (571)	ALL ACCIDENTS (E800-E949)	MOTOR VEHICLE (E810-E825)	ACCIDENTS AT WORK	ACCIDENTS AT HOME	PUBLIC NON-MOTOR VEHICLE	SUICIDE (E950-E959)	HOMICIDE (E960-E978)
	NEW MEXICO	2,261	91	190	46	55	524	31	313	153	1426	551	364	540	202	878	473	20	186	199	300	160
	Bernalillo	732	21	72	13	14	148	9	99	52	419	146	105	185	50	228	89	1	81	57	93	50
	Cibola	32	3	2	1	0	8	0	9	4	13	9	3	2	4	22	14	1	5	2	4	4
	McKinley	50	3	2	1	2	5	0	11	6	24	13	19	4	16	70	35	1	11	23	9	6
1	Sandoval	70	2	5	2	2	15	3	11	3	40	22	11	14	6	41	26	0	11	4	9	3
	San Juan	106	7	10	3	1	21	1	17	9	36	25	12	26	6	83	60	1	4	20	20	15
	Torrance	15	0	2	0	0	4	0	2	0	17	5	1	3	0	10	8	0	1	1	3	0
	Valencia	57	2	3	2	2	12	2	9	3	61	19	9	10	1	27	17	0	7	3	12	3
H	Colfax	33	4	3	0	1	9	1	3	4	18	8	3	1	4	6	3	0	1	2	2	3
E	Harding	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0
A	Los Alamos	27	0	0	0	0	3	0	0	1	2	7	4	4	0	4	1	0	1	2	4	0
L	Mora	8	1	0	0	0	2	0	2	0	3	2	0	3	0	2	0	0	1	1	1	0
T 2	Rio Arriba	42	2	2	1	2	7	1	5	2	28	14	8	10	9	24	15	0	3	6	7	7
H	San Miguel	31	2	3	2	0	10	0	9	2	40	10	8	5	8	19	10	2	6	1	4	3
	Santa Fe	144	5	9	4	6	31	1	12	17	75	35	19	22	10	44	28	0	6	10	22	11
D	Taos	36	0	2	0	4	5	0	5	1	17	9	8	5	4	21	11	0	3	7	8	1
I	Union	9	1	2	1	0	2	0	2	2	7	1	2	4	2	3	0	0	0	3	3	1
S																						
T	Catron	5	0	0	0	0	2	0	0	0	2	2	1	4	0	2	0	0	1	1	2	0
R	Dona Ana	165	8	16	4	4	43	2	25	11	87	36	15	29	17	57	34	4	13	6	17	9
I	Grant	50	2	7	0	1	10	0	7	3	52	6	12	22	5	17	14	0	1	2	5	3
C 3	Hidalgo	11	0	0	1	0	5	0	1	1	8	1	0	1	2	3	2	0	1	0	1	0
T	Luna	43	3	5	2	1	12	1	9	3	38	11	7	10	3	23	17	1	2	3	3	1
S	Otero	63	3	6	0	2	14	2	8	4	57	22	7	20	12	22	14	1	2	5	13	6
	Sierra	33	2	2	1	0	12	0	7	2	34	7	7	17	3	5	2	1	0	2	6	1
	Socorro	21	0	4	1	0	6	1	2	1	16	2	6	10	7	12	6	0	1	5	4	1
	Chaves	134	5	18	1	2	42	1	18	8	68	39	28	45	6	31	13	1	8	9	18	13
	Curry	53	2	6	2	4	12	1	5	1	35	23	20	12	2	17	11	0	1	5	7	2
	De Baca	5	0	0	0	0	0	0	0	1	3	2	3	0	1	3	1	0	0	2	2	0
	Eddy	111	1	8	2	4	40	1	14	5	86	29	18	27	7	35	18	1	12	4	8	3
4	Guadalupe	9	1	0	0	1	1	0	2	1	4	4	2	2	0	4	3	0	0	1	1	0
	Lea	75	2	3	1	2	19	2	12	2	87	33	15	28	6	22	11	2	1	8	6	5
	Lincoln	25	0	2	0	0	7	1	1	1	13	2	2	2	0	7	5	1	0	1	5	0
	Quay	16	0	1	0	0	8	1	2	2	17	6	4	7	3	7	5	1	0	1	4	1
	Roosevelt	31	2	3	1	0	9	0	4	1	19	10	4	6	2	4	0	1	1	2	5	0

TABLE A-11
NEW MEXICO RESIDENTS
SELECTED CAUSES OF DEATH BY COUNTY AMOUNG MALES
1989

	COUNTY	MALIGNANT NEOPLASMS (140-208)	STOMACH (151)	LARGE INTESTINE (153)	RECTUM (154)	LIVER & BILE DUCTS (155)	TRACHEA, BRONCHUS, LUNG (162-163)	PROSTATE (185)	BLADDER (188)	DIABETES MELLITUS (250)	HYPERTENSIVE DISEASE (401-405)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR (430-438)	INFLUENZA & PNEUMONIA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASE (490-496)	CIRRHOSIS OF LIVER (571)	ALL ACCIDENTS (E800-E949)	MOTOR VEHICLE (E810-E825)	ACCIDENTS AT WORK	ACCIDENTS AT HOME	PUBLIC NON-MOTOR VEHICLE	SUICIDE (E950-E959)	HOMICIDE (E960-E978)
	NEW MEXICO	1,191	58	108	22	31	326	143	21	143	62	782	280	162	310	135	635	326	30	138	151	244	126
	Bernalillo	384	15	43	7	8	96	46	6	47	22	226	51	53	101	30	154	61	1	54	38	74	48
	Cibola	15	1	2	1	0	4	1	0	3	2	9	5	1	1	4	18	10	1	5	2	4	4
	McKinley	25	2	1	0	1	4	5	0	7	4	12	7	9	1	9	44	19	1	7	17	8	3
1	Sandoval	41	2	2	1	2	8	7	3	8	0	22	6	9	7	4	32	21	0	8	3	9	2
	San Juan	53	4	5	2	1	11	9	1	8	6	25	8	6	16	4	65	43	1	4	17	13	11
	Torrance	6	0	1	0	0	1	2	0	1	0	9	1	1	2	0	9	7	0	1	1	3	0
	Valencia	38	1	1	2	2	7	5	0	5	2	33	7	5	5	1	20	11	0	6	3	10	3
H	Colfax	20	2	2	0	0	6	2	1	2	2	11	3	1	1	4	3	1	0	1	1	2	2
E	Harding	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0
A	Los Alamos	16	0	0	0	0	2	2	0	0	1	2	2	3	2	0	1	0	0	1	0	2	0
L	Mora	5	1	0	0	0	1	1	0	1	0	1	0	0	3	0	2	0	0	1	1	0	0
T 2	Rio Arriba	15	0	0	1	0	6	3	0	1	2	20	5	3	4	8	19	11	0	3	5	6	6
H	San Miguel	14	2	1	0	0	5	3	0	7	0	22	3	3	2	6	14	6	2	5	1	3	2
	Santa Fe	69	1	4	3	2	18	7	1	7	6	42	12	3	12	15	33	20	0	4	9	16	8
D	Taos	25	0	1	0	3	1	3	0	3	0	9	1	5	4	2	17	9	0	3	5	7	1
I	Union	7	1	2	[illegible]	0	2	1	0	1	0	3	1	2	3	1	2	0	0	0	2	3	1
S																							
T	Catron	2	0	0	0	0	0	1	0	0	0	0	0	0	4	0	2	0	0	1	1	2	0
R	Dona Ana	92	5	9	1	2	27	9	1	16	3	53	10	6	15	11	44	25	4	9	6	13	7
I	Grant	27	1	5	0	0	7	5	0	3	3	30	4	5	12	3	12	10	0	0	2	4	3
C 3	Hidalgo	5	0	0	1	0	2	1	0	1	0	5	0	0	1	1	3	2	0	1	0	1	0
T	Luna	23	2	3	0	0	9	1	1	3	2	19	4	1	8	3	14	8	1	2	3	2	1
S	Otero	37	2	5	0	1	8	4	2	4	3	30	7	3	13	4	17	10	1	1	5	13	3
	Sierra	18	2	2	0	0	7	1	0	4	0	23	4	4	12	3	4	1	1	0	2	6	1
	Socorro	9	0	2	0	0	4	1	0	0	1	9	1	5	6	3	11	5	0	1	5	4	0
	Chaves	70	3	5	0	1	29	7	0	13	2	37	13	12	22	3	17	6	1	6	4	7	13
	Curry	26	0	4	1	1	8	1	1	4	0	17	8	4	10	2	13	9	0	1	3	6	2
	De Baca	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	0	0	0	2	2	0
	Eddy	64	0	5	0	4	23	6	1	4	2	37	7	3	16	5	30	16	1	10	3	6	2
4	Guadalupe	7	1	0	0	1	0	0	0	1	0	2	2	2	1	0	3	3	0	0	0	1	0
	Lea	36	1	1	0	2	13	3	1	6	0	47	21	7	19	4	16	7	2	1	6	4	2
	Lincoln	17	0	1	0	0	4	2	1	0	0	7	0	0	1	0	3	1	1	0	1	4	0
	Quay	10	0	0	0	0	4	1	1	1	1	9	4	2	4	2	6	4	1	0	1	4	1
	Roosevelt	22	1	1	1	0	9	3	0	2	0	10	3	2	2	2	4	0	1	1	2	5	0

TABLE A-12
NEW MEXICO RESIDENTS
SELECTED CAUSES OF DEATH BY COUNTY AMOUNG FEMALES
1989

	COUNTY	MALIGNANT NEOPLASMS (140-208)	STOMACH (151)	LARGE INTESTINE (153)	RECTUM (154)	LIVER & BILE DUCTS (155)	TRACHEA, BRONCHUS, LUNG (162-163)	BREAST (174)	CERVIX UTERI (180)	BLADDER (188)	DIABETES MELLITUS (250)	HYPERTENSIVE DISEASE (401-405)	ISCHEMIC HEART DISEASE (410-414)	CEREBRO-VASCULAR (430-438)	INFLUENZA PNEUMONIA (480-487)	CHRONIC OBSTRUCTIVE PULMONARY DISEASE (490-496)	CIRRHOSIS OF LIVER (571)	ALL ACCIDENTS (E800-E949)	MOTOR VEHICLE (E810-E825)	ACCIDENTS AT WORK	ACCIDENTS AT HOME	PUBLIC NON-MOTOR VEHICLE	SUICIDE (E950-E959)	HOMICIDE (E960-E978)
	NEW MEXICO	1,050	33	82	24	24	198	204	23	10	150	91	644	351	202	230	67	243	147	0	48	48	56	34
	Bernalillo	348	6	29	6	6	52	84	7	3	52	30	193	95	52	84	20	74	28	0	27	19	19	10
	Cibola	17	2	0	0	0	4	3	3	0	6	2	4	4	2	1	0	4	4	0	0	0	0	0
	McKinley	25	1	1	1	1	1	3	3	0	4	2	12	6	10	3	7	26	16	0	4	6	1	3
1	Sandoval	29	0	3	1	0	7	7	0	0	3	3	18	16	2	7	2	9	5	0	3	1	0	1
	San Juan	51	3	5	1	0	10	4	2	0	9	3	11	17	6	10	2	20	17	0	0	3	7	4
	Torrance	9	0	1	0	0	3	1	0	0	1	0	8	4	0	1	0	1	1	0	0	0	0	0
	Valencia	27	1	2	0	0	5	3	1	2	4	1	28	12	4	5	0	7	6	0	1	0	2	0
H	Colfax	13	2	1	0	1	3	4	0	0	1	2	7	5	2	0	0	3	2	0	0	1	0	1
E	Harding	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A	Los Alamos	11	0	0	0	0	1	3	0	0	0	0	0	5	1	2	0	3	1	0	0	2	2	0
L	Mora	3	0	0	0	0	1	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0	1	0
T 2	Rio Arriba	27	2	2	0	2	1	6	1	1	4	0	8	9	5	6	1	5	4	0	0	1	1	1
H	San Miguel	17	0	2	2	0	5	0	0	0	2	2	18	7	5	3	2	5	4	0	1	0	1	1
	Santa Fe	75	4	5	1	4	13	17	1	0	5	13	33	23	16	10	3	11	8	0	2	1	6	3
D	Taos	11	0	1	0	1	4	1	0	0	2	1	8	8	3	1	2	4	2	0	0	2	1	0
I	Union	2	0	0	0	0	0	1	0	0	1	2	4	0	0	1	1	1	0	0	0	1	0	0
S																								
T	Catron	3	0	0	0	0	2	1	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
R	Dona Ana	73	3	7	3	2	16	15	0	1	9	8	34	26	9	14	6	13	9	0	4	0	4	2
I	Grant	23	1	2	0	1	3	5	0	0	4	0	22	2	7	10	2	5	4	0	1	0	1	0
C 3	Hidalgo	6	0	0	0	0	3	1	0	0	0	1	3	1	0	0	1	0	0	0	0	0	0	0
T	Luna	20	0	2	2	1	3	5	1	0	6	1	19	7	6	2	0	9	9	0	0	0	1	0
S	Otero	26	1	1	0	1	6	1	0	0	4	1	27	15	4	7	8	5	4	0	1	0	0	3
	Sierra	15	0	0	1	0	5	2	1	0	3	2	11	3	3	5	0	1	1	0	0	0	0	0
	Socorro	12	0	2	1	0	2	3	0	1	2	0	7	1	1	4	4	1	1	0	0	0	0	1
	Chaves	64	2	5	1	1	13	15	1	1	5	6	31	26	16	23	1	14	7	0	2	5	3	0
	Curry	27	2	2	1	3	4	4	2	0	1	1	18	15	16	2	0	4	2	0	0	2	1	0
	De Baca	4	0	0	0	0	0	0	0	0	0	1	2	2	2	0	0	1	1	0	0	0	0	0
	Eddy	47	1	3	2	0	17	6	0	0	10	3	49	13	15	11	2	5	2	0	2	1	2	1
4	Guadalupe	2	0	0	0	0	1	0	0	0	1	1	2	2	0	1	0	1	0	0	0	1	0	0
	Lea	39	1	2	1	0	6	7	0	1	6	2	40	12	8	9	2	6	4	0	0	2	2	3
	Lincoln	8	0	1	0	0	3	0	0	0	1	1	6	2	2	1	0	4	4	0	0	0	1	0
	Quay	6	0	1	0	0	4	0	0	0	1	1	8	2	2	3	1	1	1	0	0	0	0	0
	Roosevelt	9	1	2	0	0	0	2	0	0	2	1	9	7	2	4	0	0	0	0	0	0	0	0

TABLE A-13
SUMMARY OF TRENDS IN NEW MEXICO HEALTH STATISTICS
NEW MEXICO RESIDENTS
1950-1989

		BIRTHS		DEATHS		MATERNAL DEATHS		INFANT DEATHS				FETAL DEATHS	
YEAR	POPULATION ESTIMATE MID-YEAR	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	ALL INFANTS NUMBER	ALL INFANTS RATE	NEONATAL RATE	POST NEONATAL RATE	NUMBER	RATIO
1989	1,531,000	27,265	17.8	10,473	6.8	5	18.3	232	8.5	5.4	3.1	111	4.1
1988	1,507,000	26,935	17.9	10,381	6.9	2	7.4	268	9.9	6.1	3.9	147	5.5
1987	1,500,000	27,246	18.2	10,324	6.9	1	3.7	218	8.0	5.0	3.0	121	4.4
1986	1,479,000	27,281	18.4	10,007	6.8	3	11.0	254	9.3	5.4	4.0	111	4.1
1985	1,450,000	27,449	18.9	9,637	6.6	3	10.9	291	10.6	6.2	4.4	157	5.7
1984	1,426,000	27,350	19.2	9,504	6.7	5	18.3	263	9.6	6.0	3.6	186	6.8
1983	1,399,000	27,508	19.7	9,138	6.5	3	10.9	274	10.0	5.5	4.5	192	7.0
1982	1,367,000	27,630	20.2	9,186	6.7	4	14.5	316	11.4	6.7	4.7	202	7.3
1981	1,334,000	26,565	19.9	8,668	6.5	2	7.5	256	9.6	5.7	3.9	180	6.8
1980	1,302,894*	26,589	20.4	9,032	6.9	3	11.3	293	11.0	7.0	4.0	204	7.7
1979	1,283,000	24,821	19.3	8,617	6.7	10	40.3	352	14.2	8.8	5.4	206	8.3
1978	1,254,000	23,907	19.1	8,331	6.6	2	8.4	330	13.8	8.7	5.1	199	8.3
1977	1,227,000	23,100	18.8	8,223	6.7	2	8.7	333	14.4	9.8	4.6	201	8.7
1976	1,196,000	22,180	18.5	8,204	6.9	3	13.5	347	15.6	10.0	5.6	196	8.8
1975	1,164,000	21,078	18.1	8,003	6.9	2	9.5	357	16.9	11.0	6.0	169	8.0
1974	1,130,000	21,339	18.9	8,029	7.1	10	46.8	391	18.3	12.2	6.1	184	8.6
1973	1,104,000	20,852	18.9	8,139	7.4	2	9.6	421	20.2	12.9	7.3	211	10.1
1972	1,078,000	20,813	19.3	7,877	7.3	5	24.0	403	19.4	14.4	5.0	248	11.9
1971	1,053,000	22,205	21.1	7,638	7.3	5	22.5	460	20.7	15.0	5.8	254	11.4
1970	1,017,055*	22,004	21.6	7,411	7.3	6	27.3	463	21.0	15.0	6.0	245	11.1
1969	1,011,000	21,543	21.3	7,180	7.1	5	23.2	508	23.6	16.1	7.5	266	12.3
1968	994,000	20,346	20.5	7,128	7.2	7	34.4	487	23.9	16.8	7.2	264	13.0
1967	1,000,000	21,243	21.2	6,897	6.9	4	18.8	527	24.8	16.1	8.7	249	11.7
1966	1,007,000	22,363	22.2	6,971	6.9	9	40.2	601	26.9	16.7	10.2	278	12.4
1965	1,012,000	24,352	24.1	6,801	6.7	10	41.1	657	27.0	17.8	9.2	326	13.4
1964	1,006,000	26,862	26.7	6,902	6.9	14	52.1	781	29.1	19.2	9.9	349	13.0
1963	989,000	27,820	28.1	6,837	6.9	10	35.9	848	30.5	20.0	10.5	371	13.3
1962	979,000	29,226	29.9	6,507	6.6	16	54.7	877	30.0	19.5	10.5	409	14.0
1961	965,000	30,009	31.1	6,344	6.6	19	63.3	880	29.3	20.0	9.3	370	12.3
1960	951,023*	30,747	32.3	6,503	6.8	13	42.3	1,022	33.2	20.2	13.0	414	13.5
1959	937,000	30,186	32.2	6,174	6.6	16	53.0	994	32.9	22.6	11.3	388	12.9
1958	912,000	28,698	31.5	6,088	6.7	9	31.4	1,073	37.4	22.3	15.0	389	13.6
1957	877,000	27,947	31.9	6,080	6.9	14	50.1	1,093	39.1	23.4	16.0	383	13.7
1956	830,000	26,650	32.1	5,446	6.6	10	37.5	956	35.9	22.0	13.9	405	15.2
1955	787,000	25,723	32.7	5,481	7.0	18	70.0	1,121	43.6	24.3	19.2	415	16.1
1954	767,000	25,381	33.1	5,293	6.9	28	110.3	1,087	42.8	23.8	18.9	404	15.9
1953	752,000	24,897	33.1	5,493	7.3	21	84.3	1,134	45.6	24.1	21.6	421	16.9
1952	719,000	24,059	33.5	5,369	7.5	27	112.2	1,163	48.3	26.9	21.3	417	17.3
1951	701,000	23,447	33.4	5,554	7.9	34	145.0	1,295	55.2	29.1	26.2	383	16.3
1950	681,187*	22,014	32.3	5,438	8.0	36	163.3	1,212	55.1	26.9	28.1	381	17.3

Note: Rates for Births and Deaths are per 1,000 population;
Rates for Maternal Deaths are per 100,000 live births;
Rates for Infant Deaths are per 1,000 live births;
Ratios for Fetal Deaths are per 1,000 live births.

* BASED ON CENSUS ENUMERATION FOR APRIL 1, AND REVISED POPULATION ESTIMATES.

OFFICE OF VITAL RECORDS AND HEALTH STATISTICS

BETTY L. HILEMAN
StateRegistrar/StateDirector

CELINE SANCHEZ
Deputy State Registrar

ANTHONY A. ORTIZ
Statistical Research Director

NATALITY TEAM

Albert E. Mueller
Statistical Analyst Supervisor

Herman B. Hernandez
Statistical Analyst II
Primary Birth Coder

Don E. Ortega
Statistical Analyst II
Abortion Coder

Patricia Totkamachi
Statistical Analyst III
Infant Death Matching &
Data Request Coordinator

Wanda L. Vigil
Statistical Analyst II
Review Birth Coder

MORTALITY TEAM

Lina M. Towles
Statistical Analyst Supervisor

Michael J. Benze
Statistical Analyst II
Primary Death Coder
Nosologist

Leroy Quintana
Statistical Analyst II
Review Death Coder
Nosologist

George Romero
Certificate Review
Query/Registration

Lou Ann Salazar
Fetal Death Coder
Word Processing
Tabular Entry

REGISTRATION/CERTIFICATION

CORRECTIONS/DBC ADOPTIONS/DEATH RECORDS/ISSUANCE

Karen S. Martinez
Supervisor

Edward Griego
Rosina Ortiz

PROGRAM SUPPORT SPECIAL PROJECTS MICROFILM

Al Montano
Frieda Rodriguez
Gloria C. Miller

FIELD TRAINING

Christine Hanley

ISSUANCE MAIL PROCESSING FRAUD UNIT

Mary Ann Escudero
Supervisor

Rosalind Grace
Noelle Maestas
Manuel Lopez
Augustina Dimas

Undeniable Problems

RANKS HIGHEST AMONG THE STATES IN MOTOR VEHICLE ACCIDENT DEATHS PER 100,000 POPULATION

RANKS LAST AMONG THE STATES IN THE PERCENTAGE OF WOMEN RECEIVING ADEQUATE PRENATAL CARE

HIGH AMONG THE LEADING CAUSES OF DEATH FOR AGES 1-4:

NO. 1 - MOTOR VEHICLE ACCIDENTS
NO. 2 - ALL OTHER ACCIDENTS
NO. 4 - HOMICIDE

ALL EXCEEDING NATIONAL LEVELS WITH HOMICIDE TWICE THE U.S. RATE

HIGH AMONG THE LEADING CAUSES OF DEATH FOR AGES 15-24:

NO. 1 - ACCIDENTS....1-1/2 TIMES U.S. RATE
(81% MOTOR VEHICLE)
NO. 2 - SUICIDE... TWICE THE U.S. RATE
NO. 3 - HOMICIDE
NO. 6 - ABUSE OF DRUGS

HIGH AMONG THE LEADING CAUSES OF DEATH FOR AGES 25-44:

NO. 1 - ACCIDENTS...1-2/3 TIMES U.S. RATE
(66% MOTOR VEHICLE)
NO. 2 - SUICIDE...TWICE U.S. RATE
NO. 4 - HOMICIDE
NO. 6 - CIRRHOSIS
NO. 8 - ALCOHOLISM
NO. 9 - ABUSE OF DRUGS